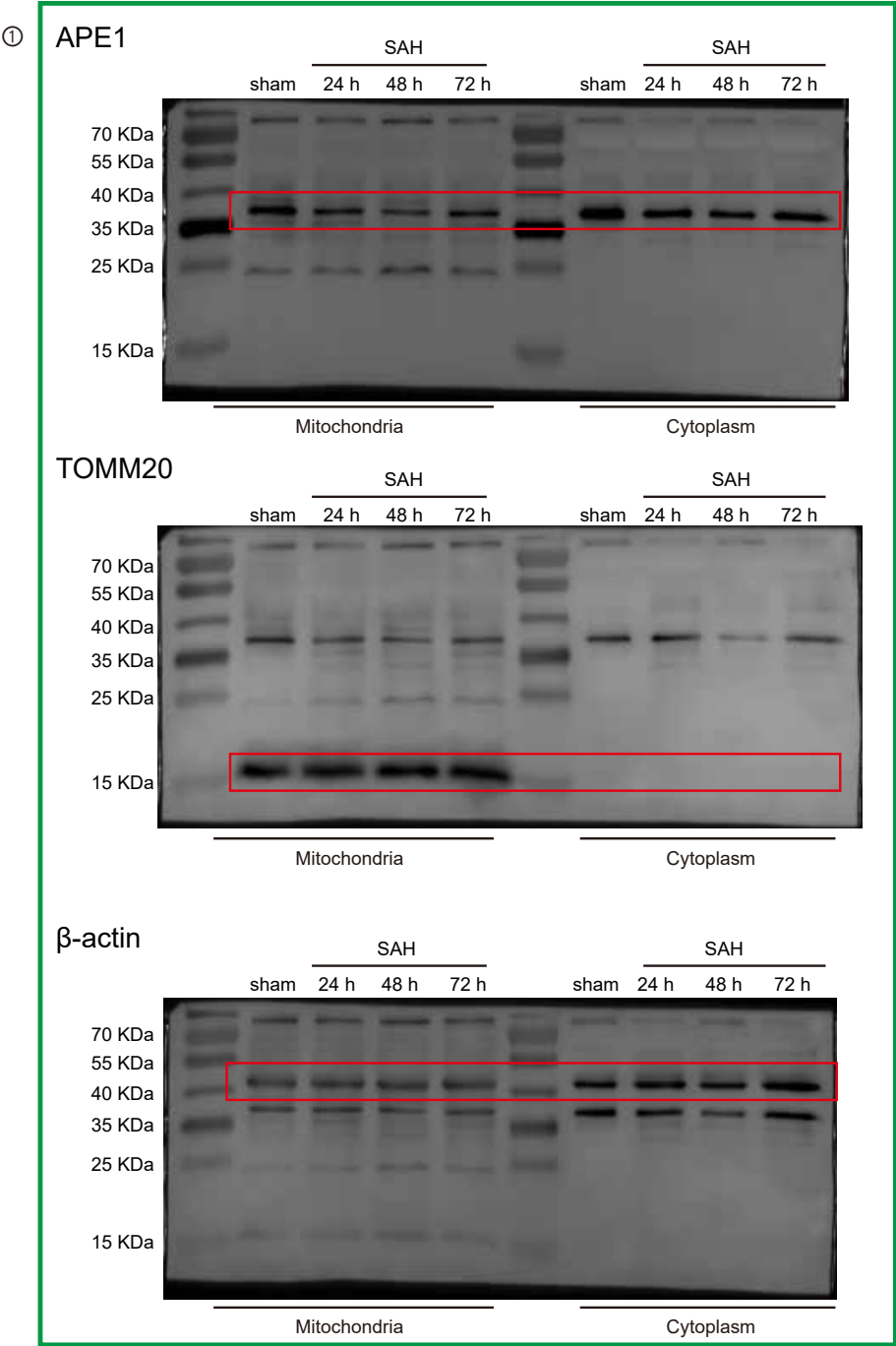
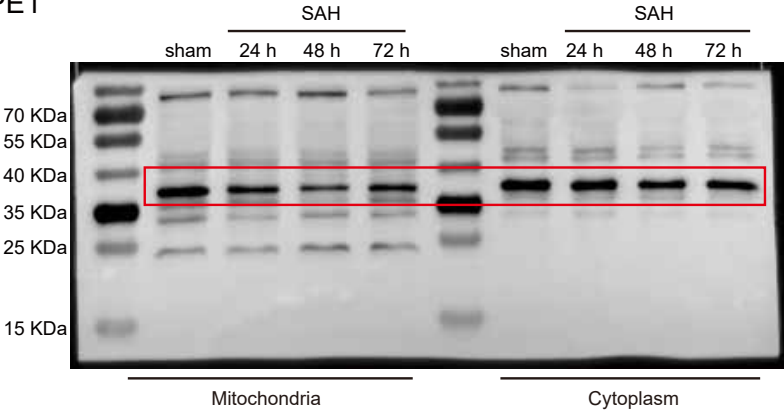


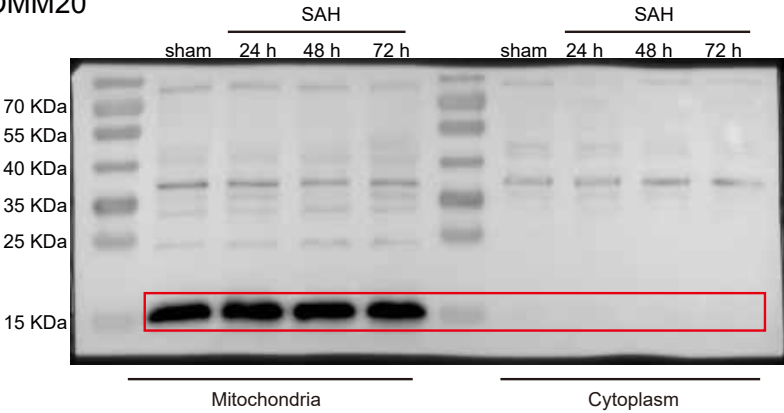
Full unedited blot for Figure 1B (n = 10)



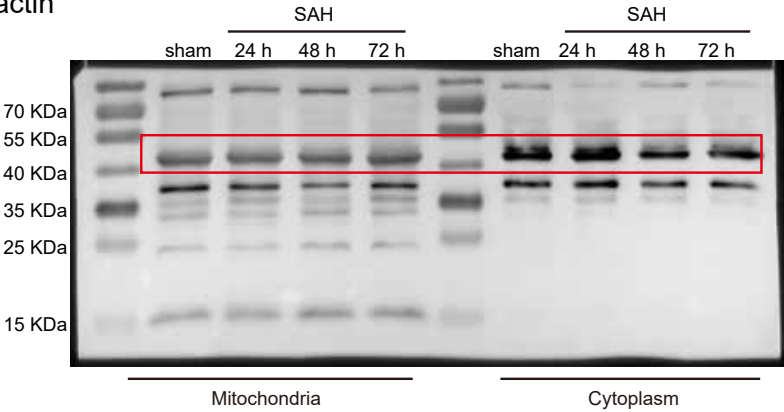
② APE1



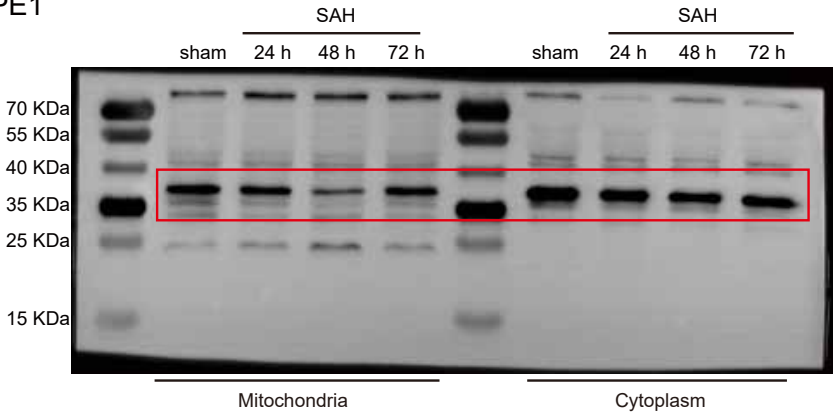
TOMM20



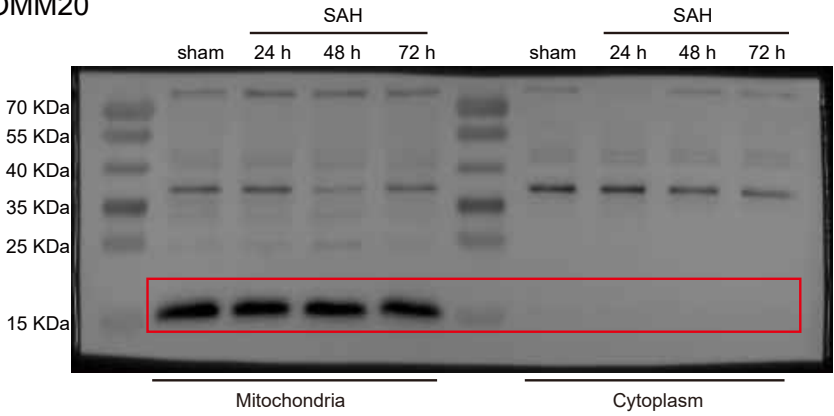
β -actin



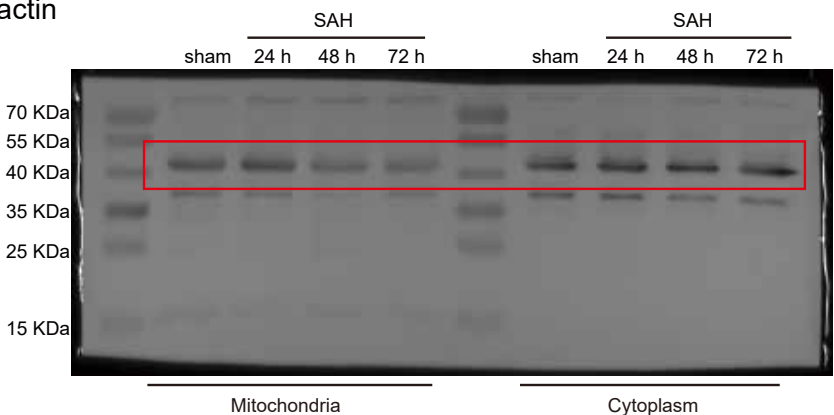
③ APE1



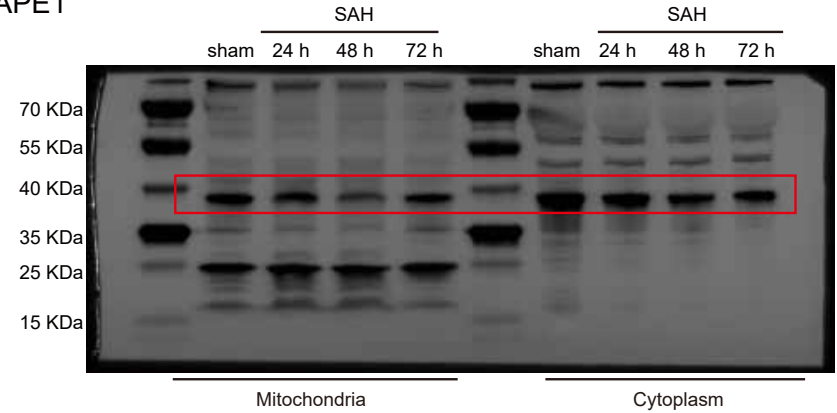
TOMM20



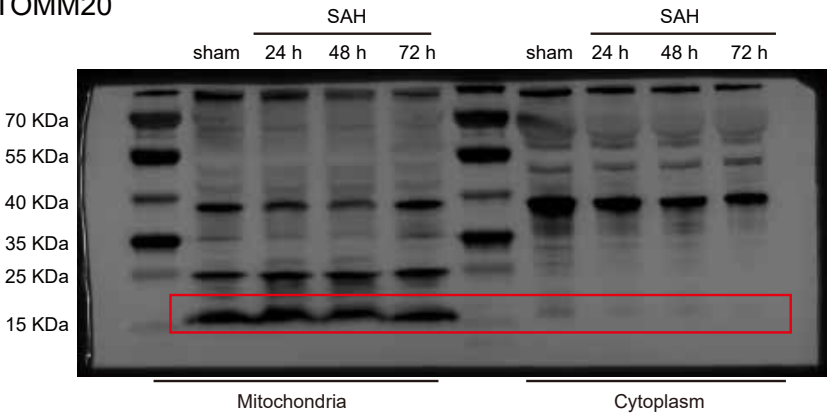
β-actin



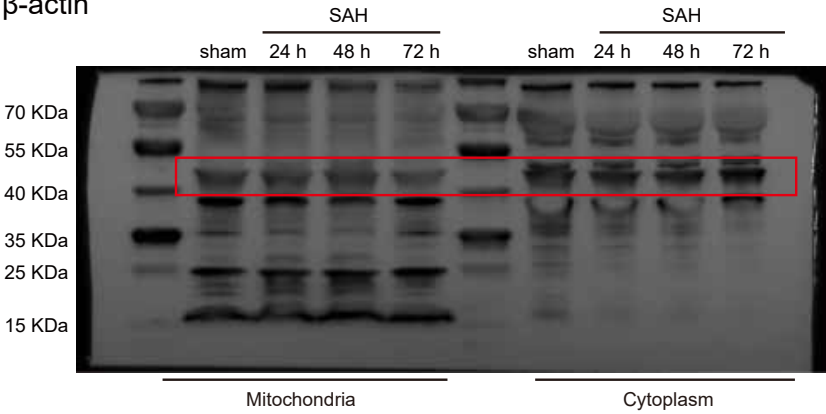
④ APE1

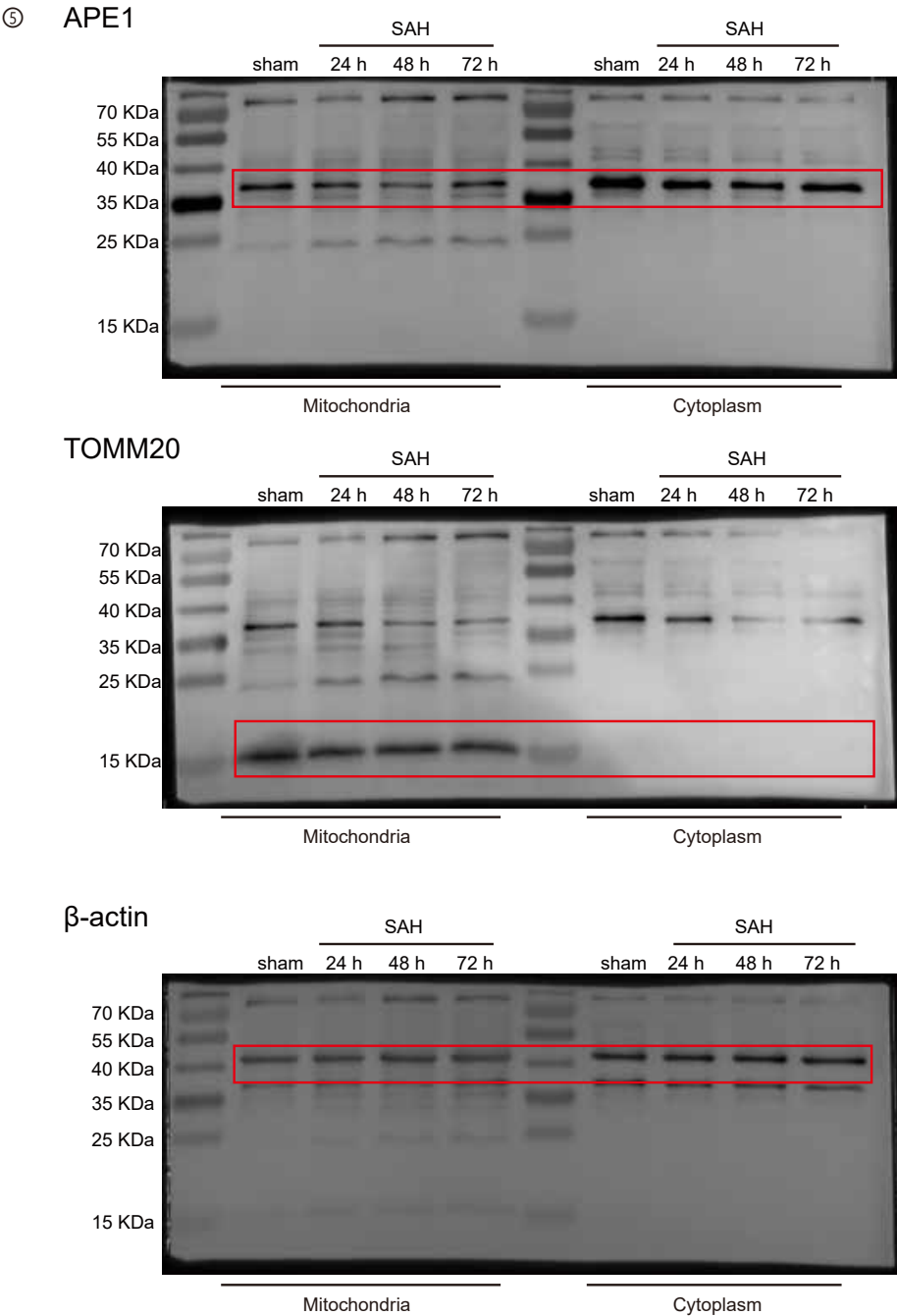


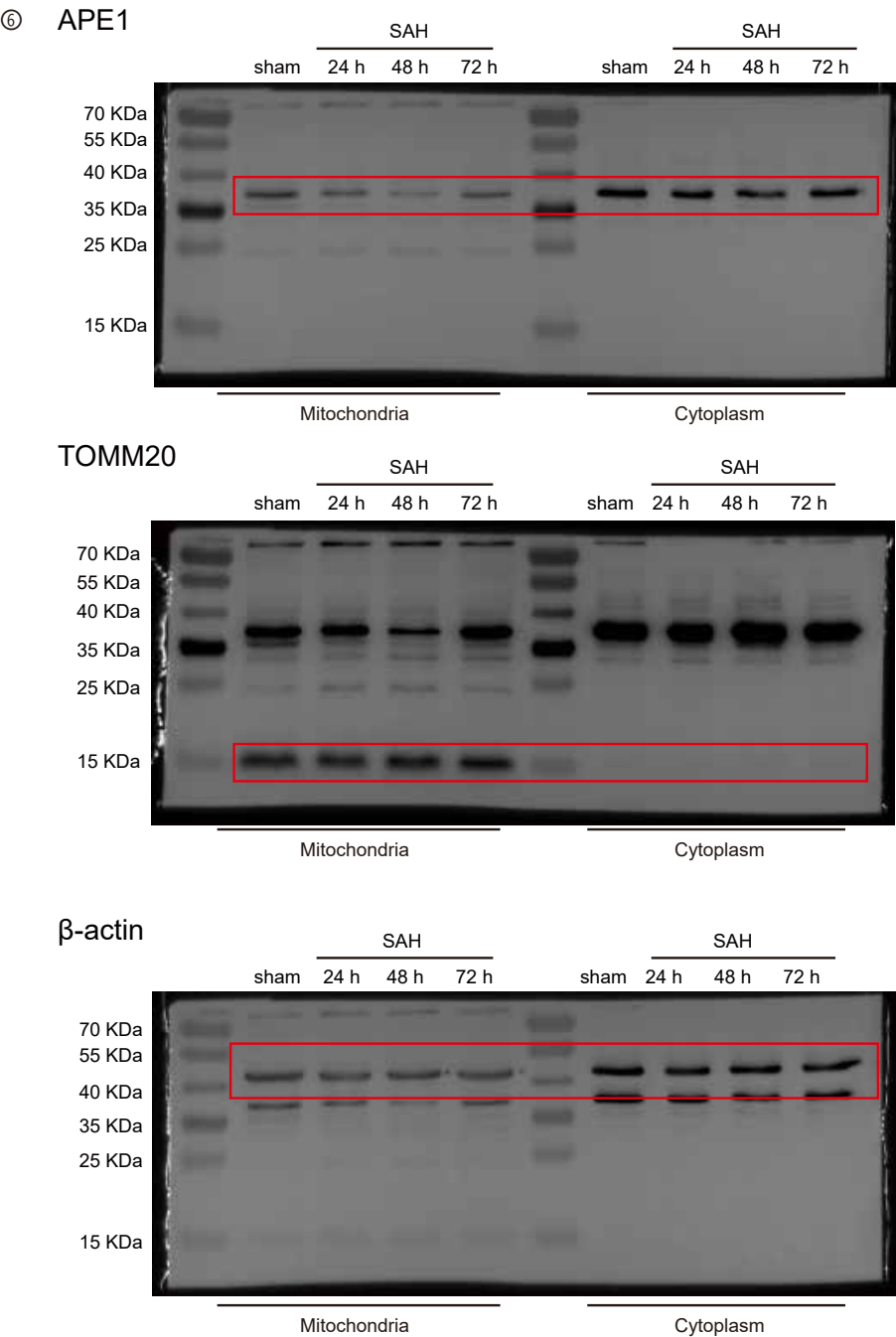
TOMM20

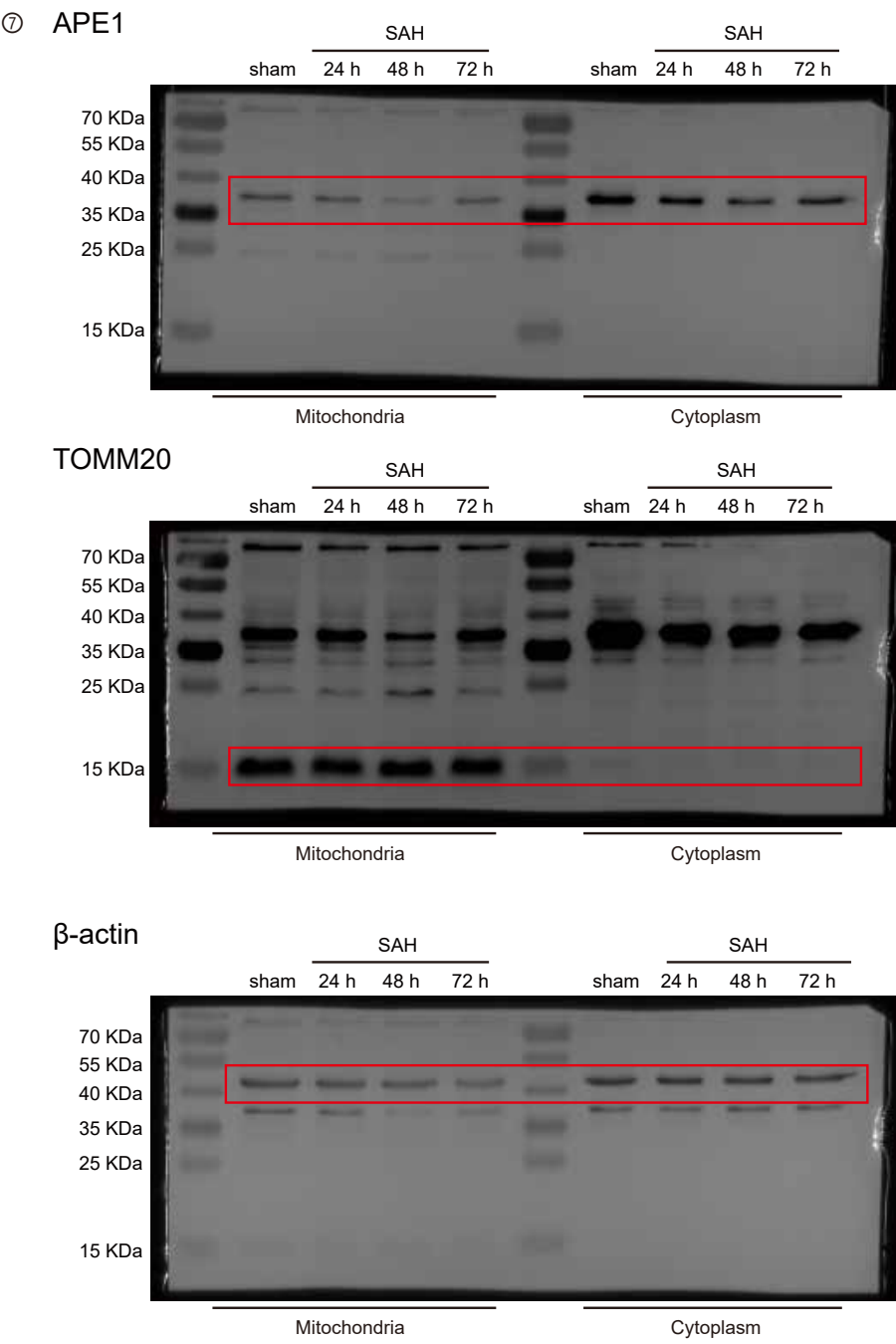


β-actin

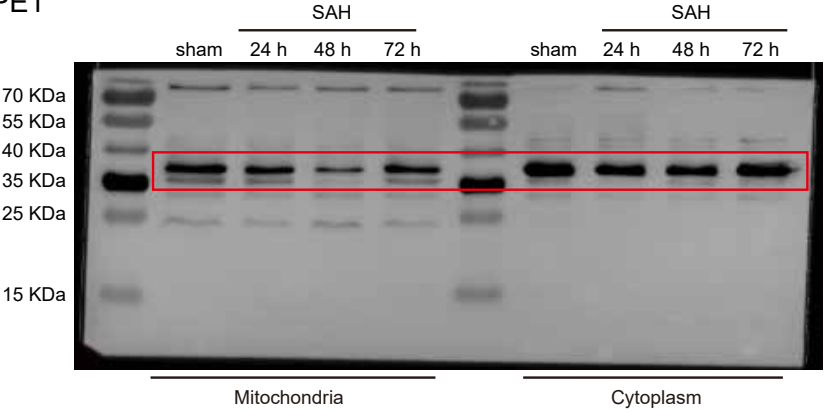




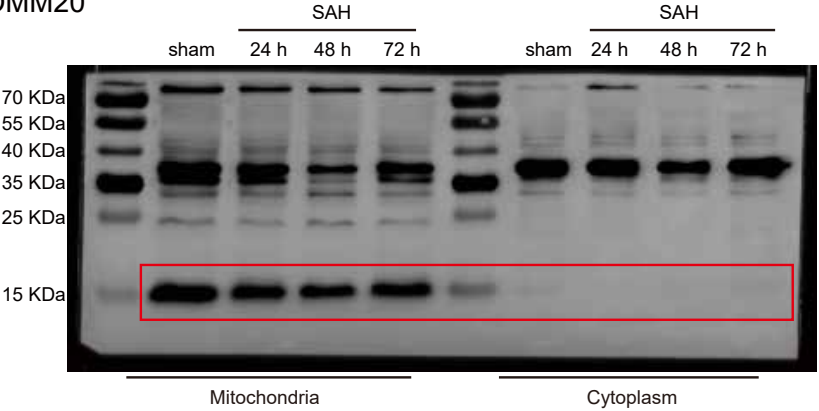




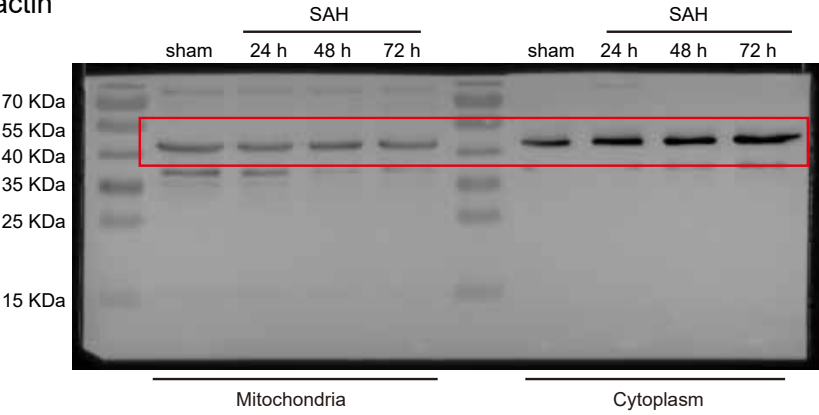
⑧ APE1



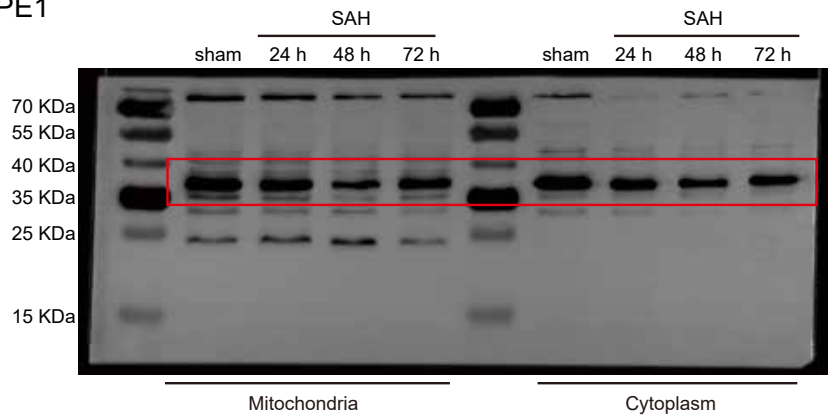
TOMM20



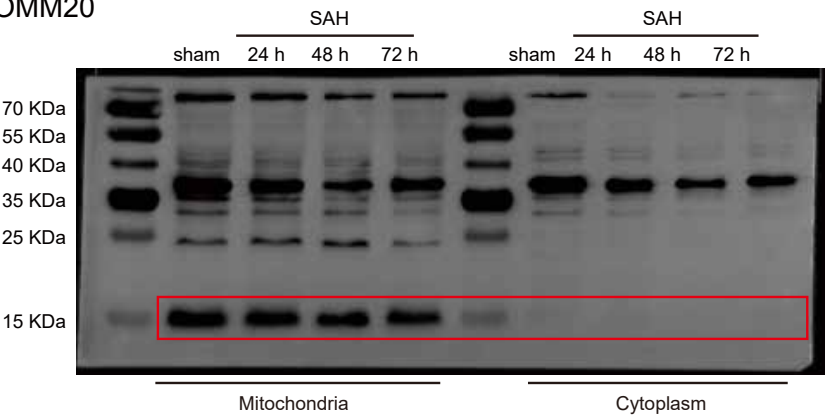
β -actin



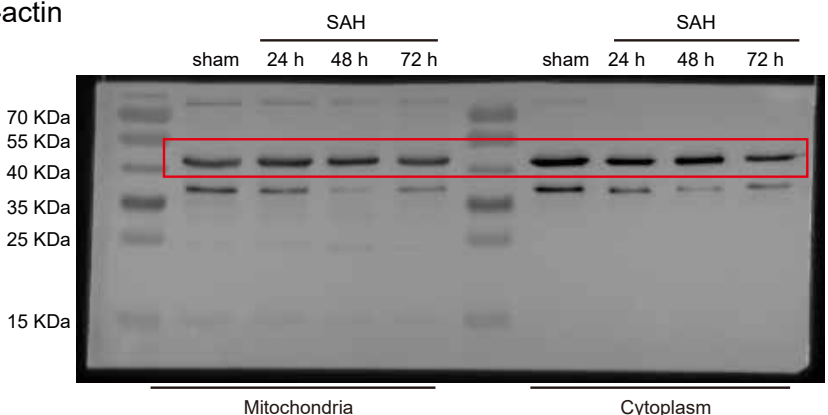
⑨ APE1



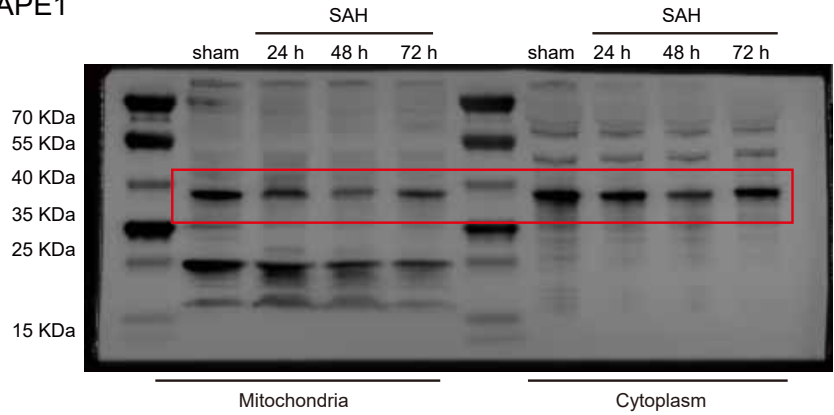
TOMM20



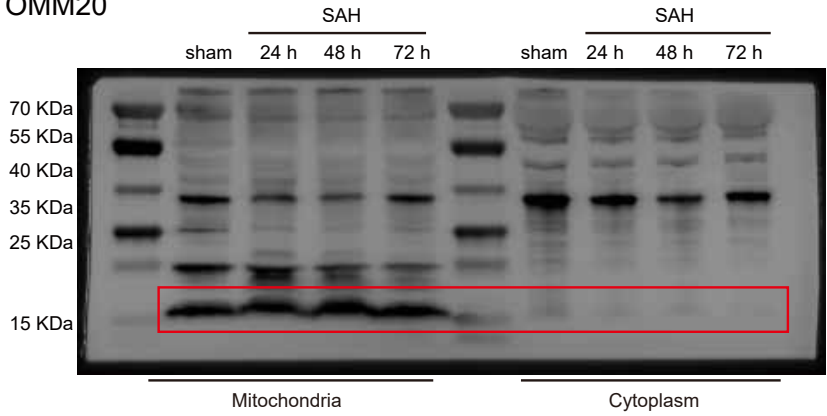
β-actin



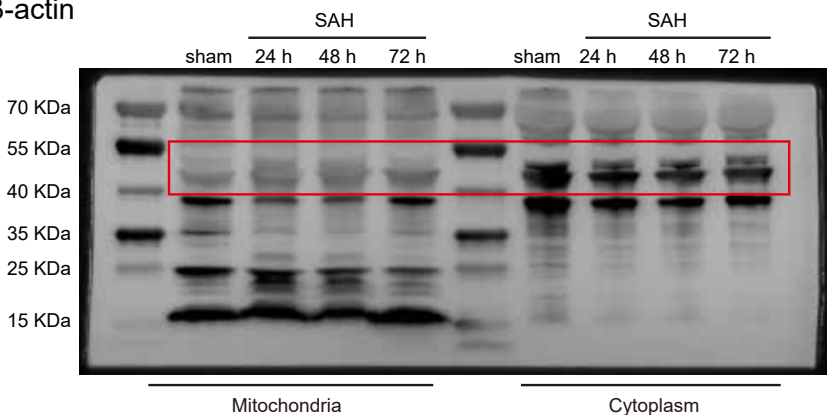
⑩ APE1



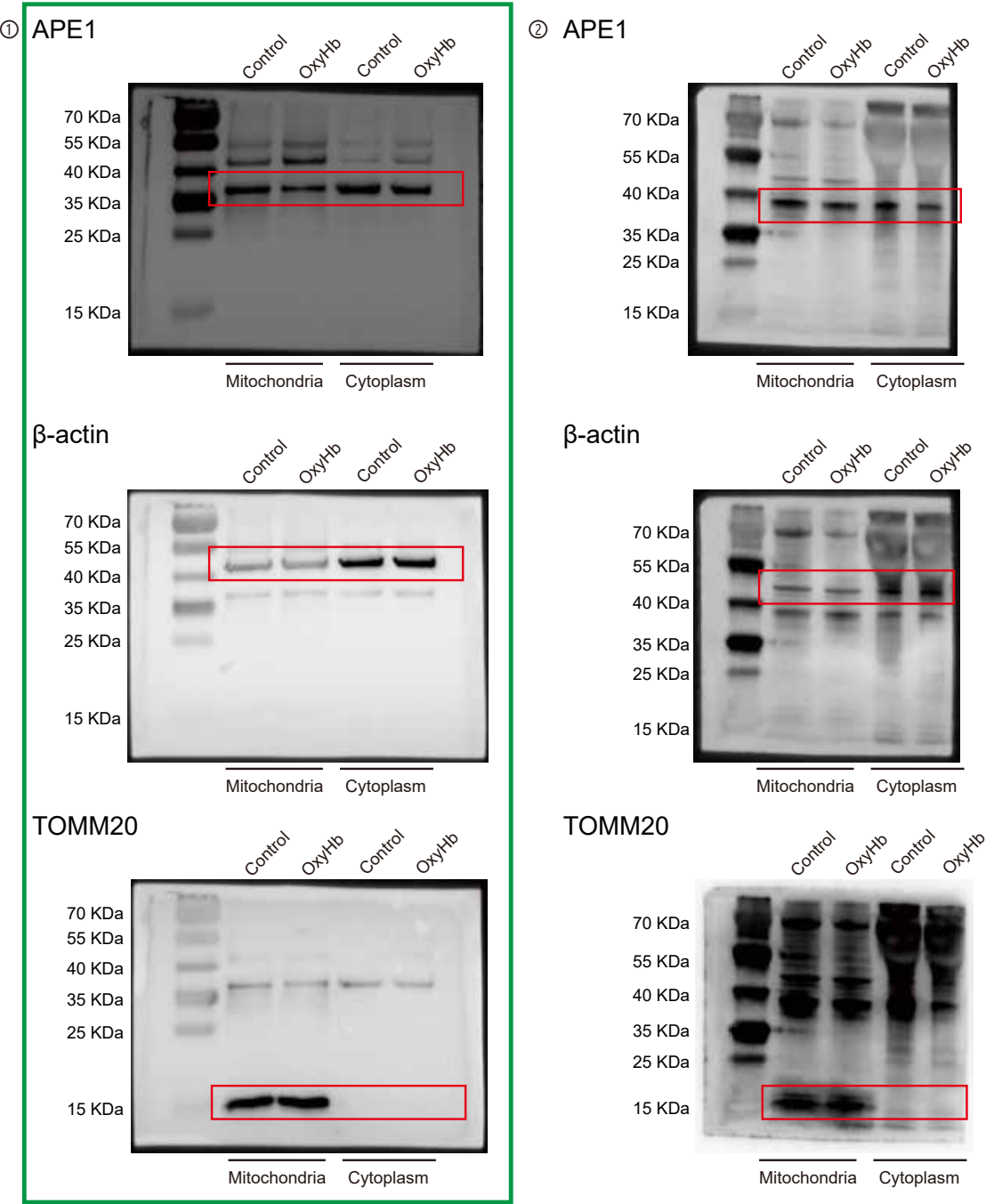
TOMM20



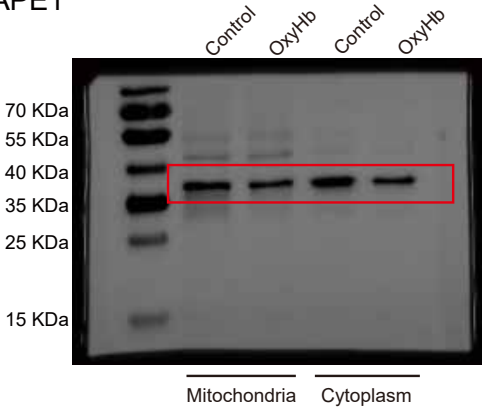
β-actin



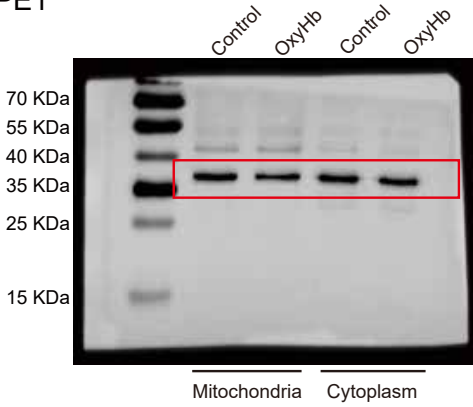
Full unedited blot for Figure 2A (n = 6)



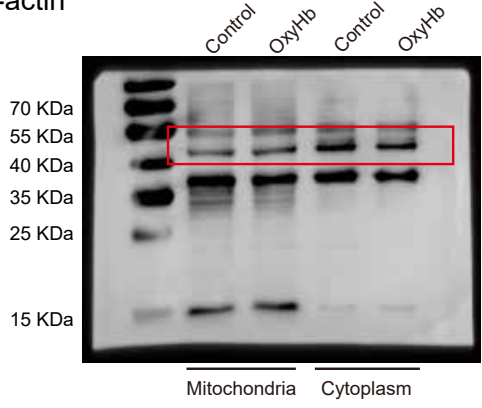
③ APE1



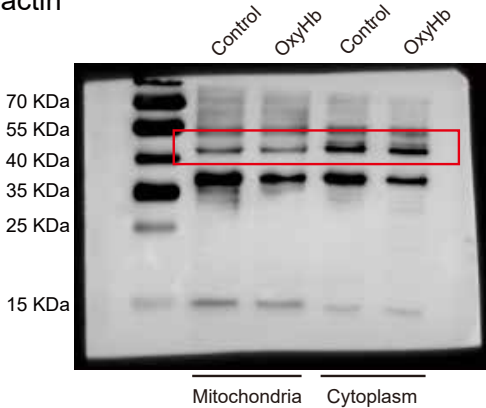
④ APE1



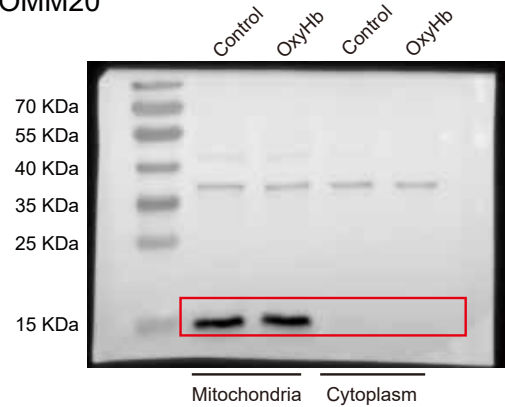
β -actin



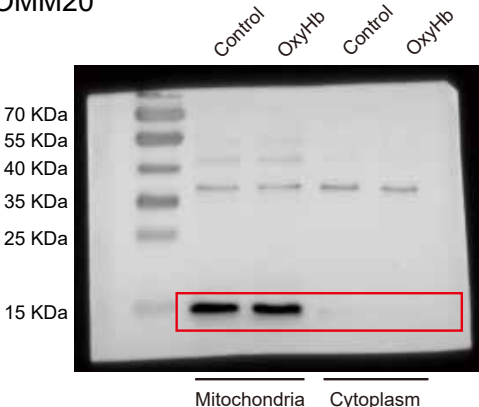
β -actin



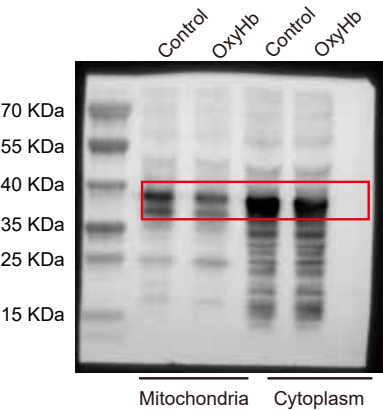
TOMM20



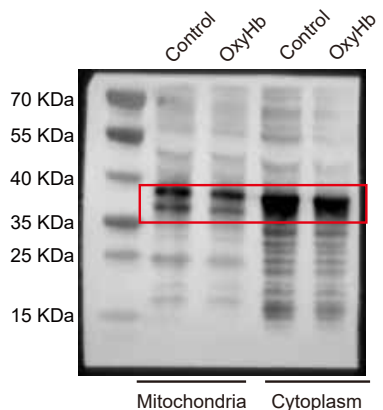
TOMM20



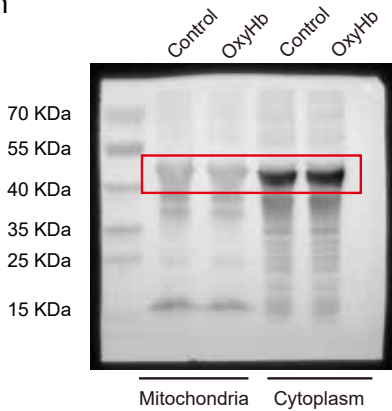
⑤ APE1



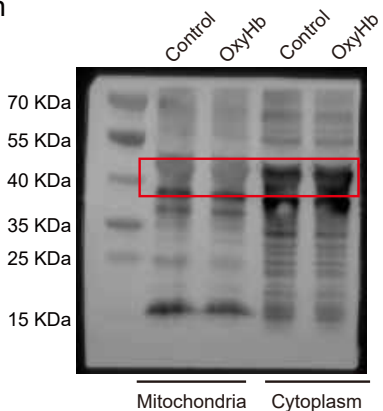
⑥ APE1



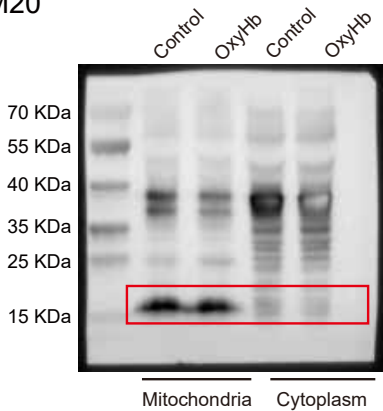
β -actin



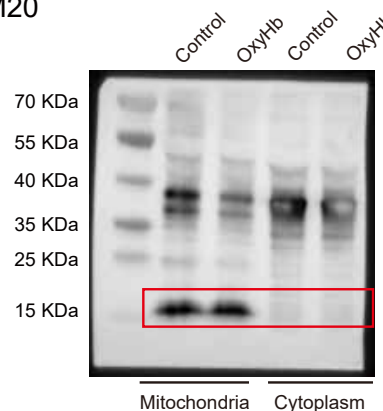
β -actin



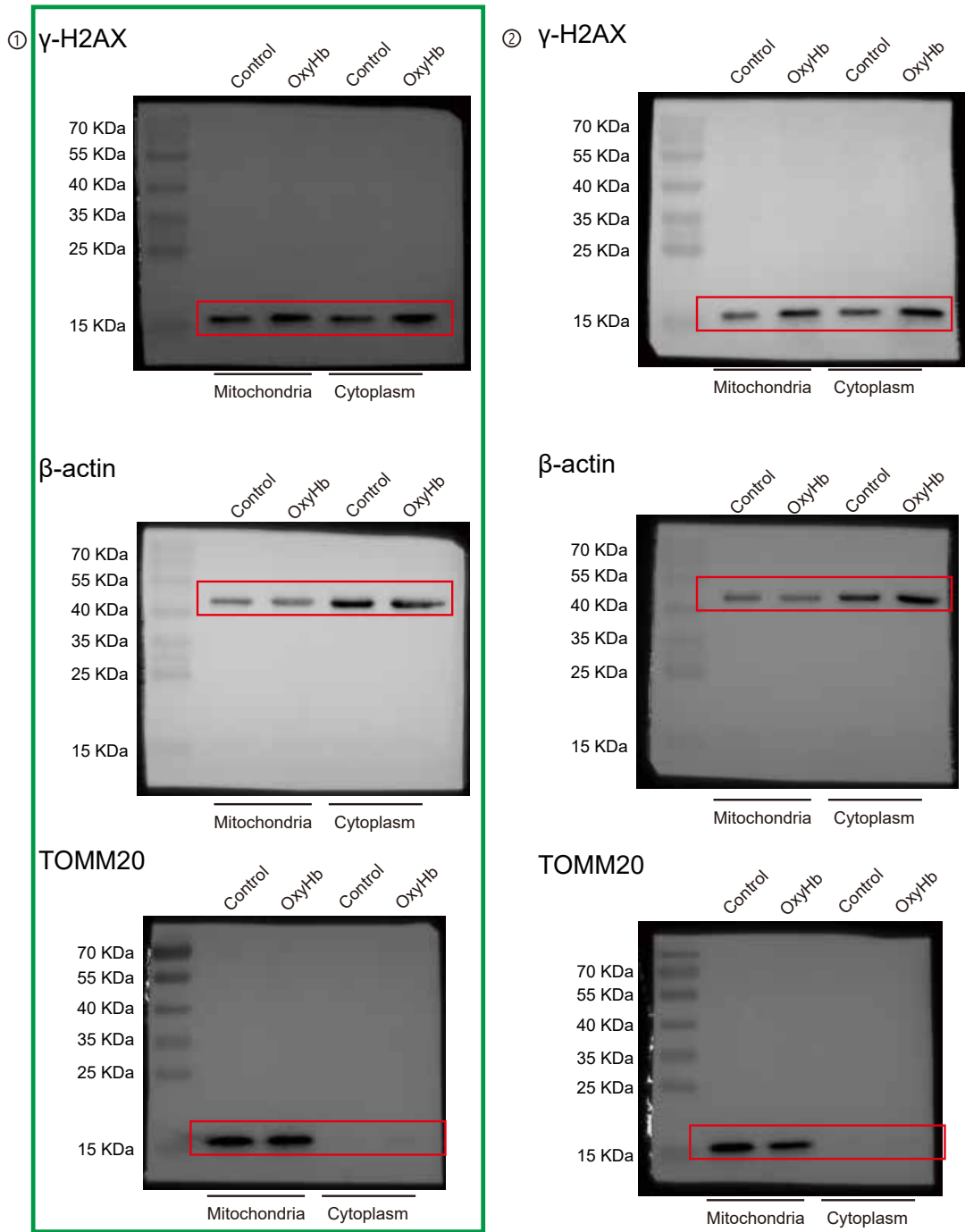
TOMM20



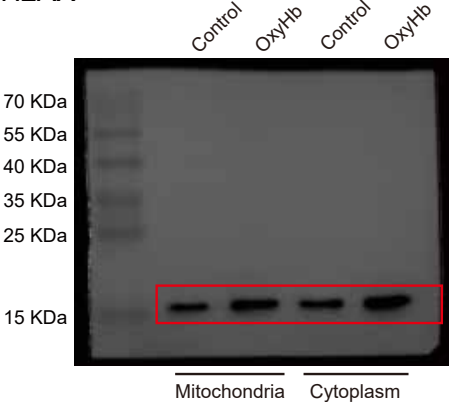
TOMM20



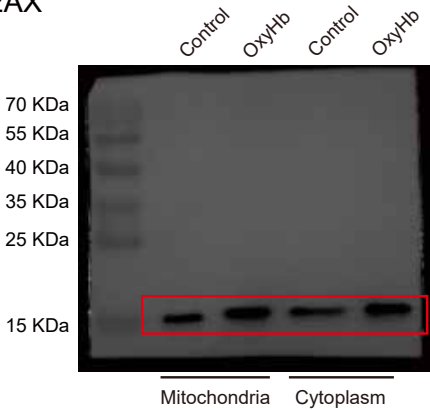
Full unedited blot for Figure 2F (n = 6)



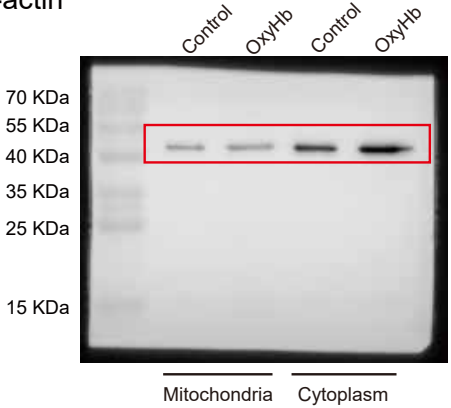
③ γ -H2AX



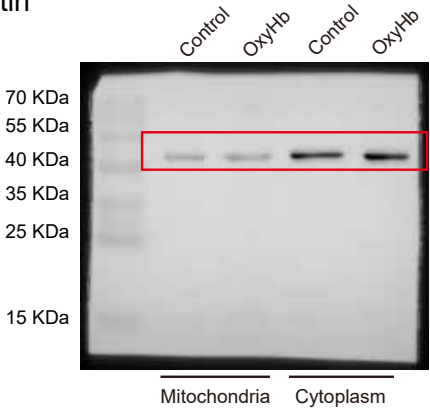
④ γ -H2AX



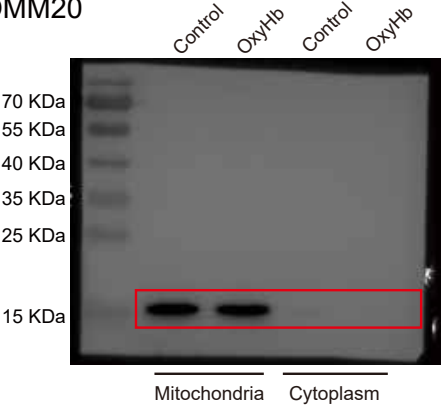
β -actin



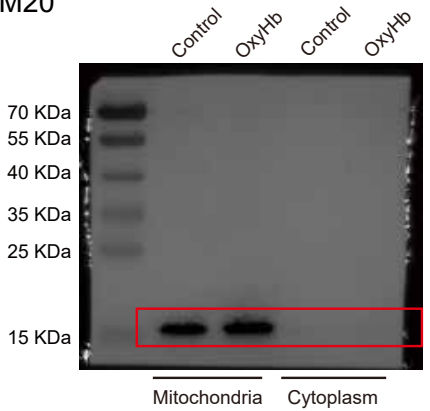
β -actin



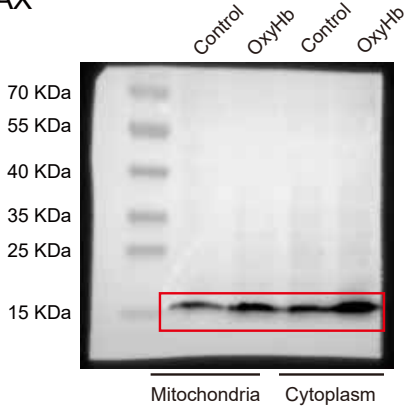
TOMM20



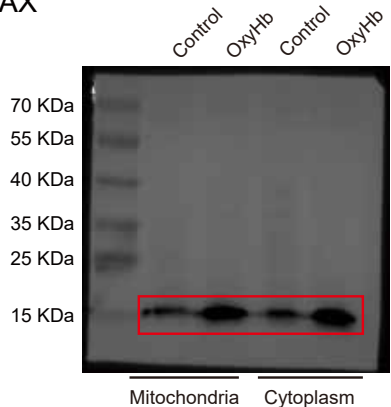
TOMM20



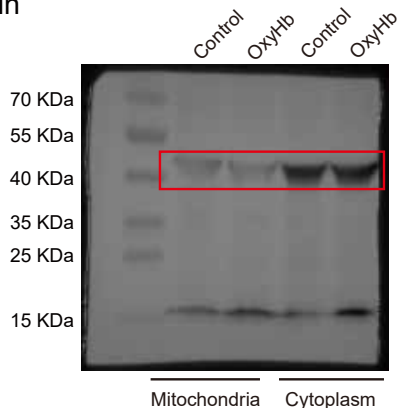
⑤ γ -H2AX



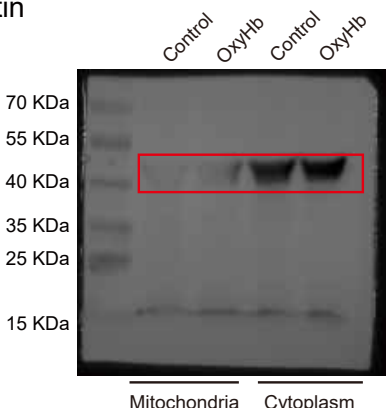
⑥ γ -H2AX



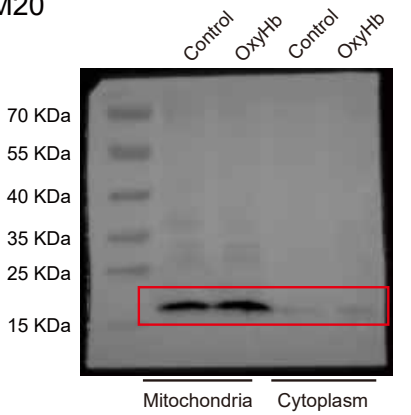
β -actin



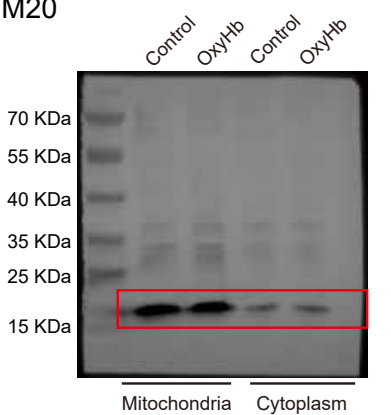
β -actin



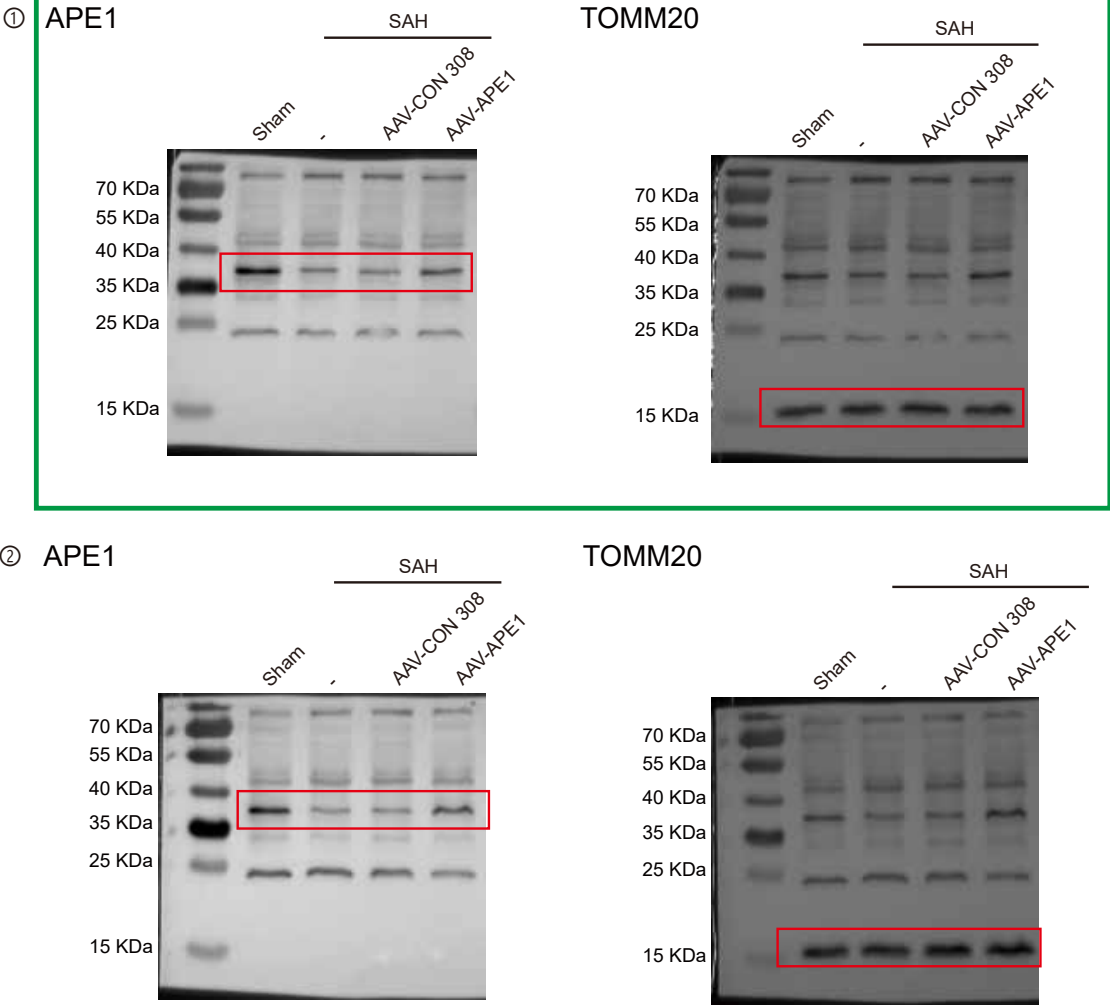
TOMM20



TOMM20



Full unedited blot for Figure 3A (n = 10)



②

APE1

SAH

Sham

AAV-CON 308

AAV-APE1

70 KDa

55 KDa

40 KDa

35 KDa

25 KDa

15 KDa

TOMM20

SAH

Sham

AAV-CON 308

AAV-APE1

70 KDa

55 KDa

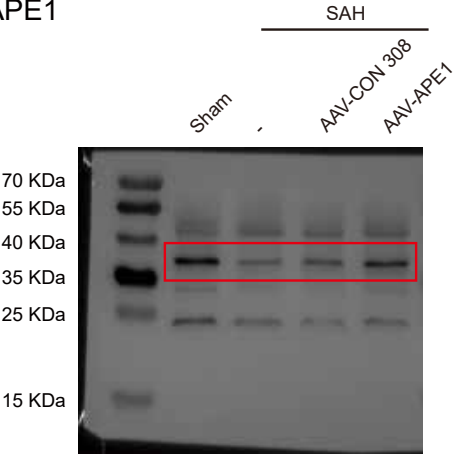
40 KDa

35 KDa

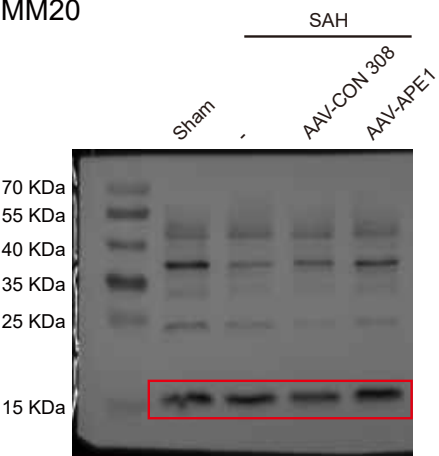
25 KDa

15 KDa

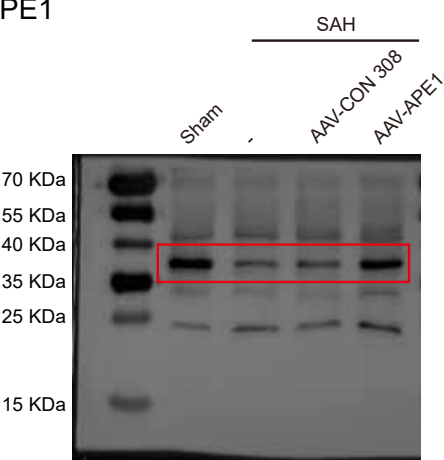
③ APE1



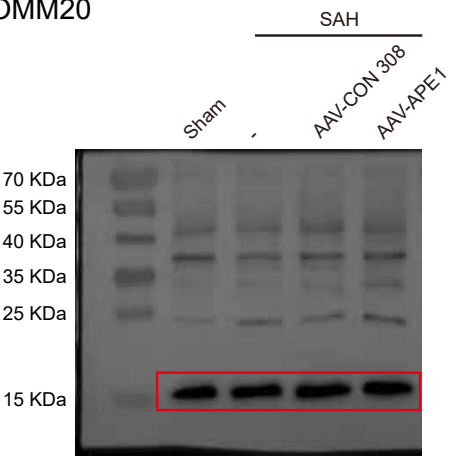
TOMM20

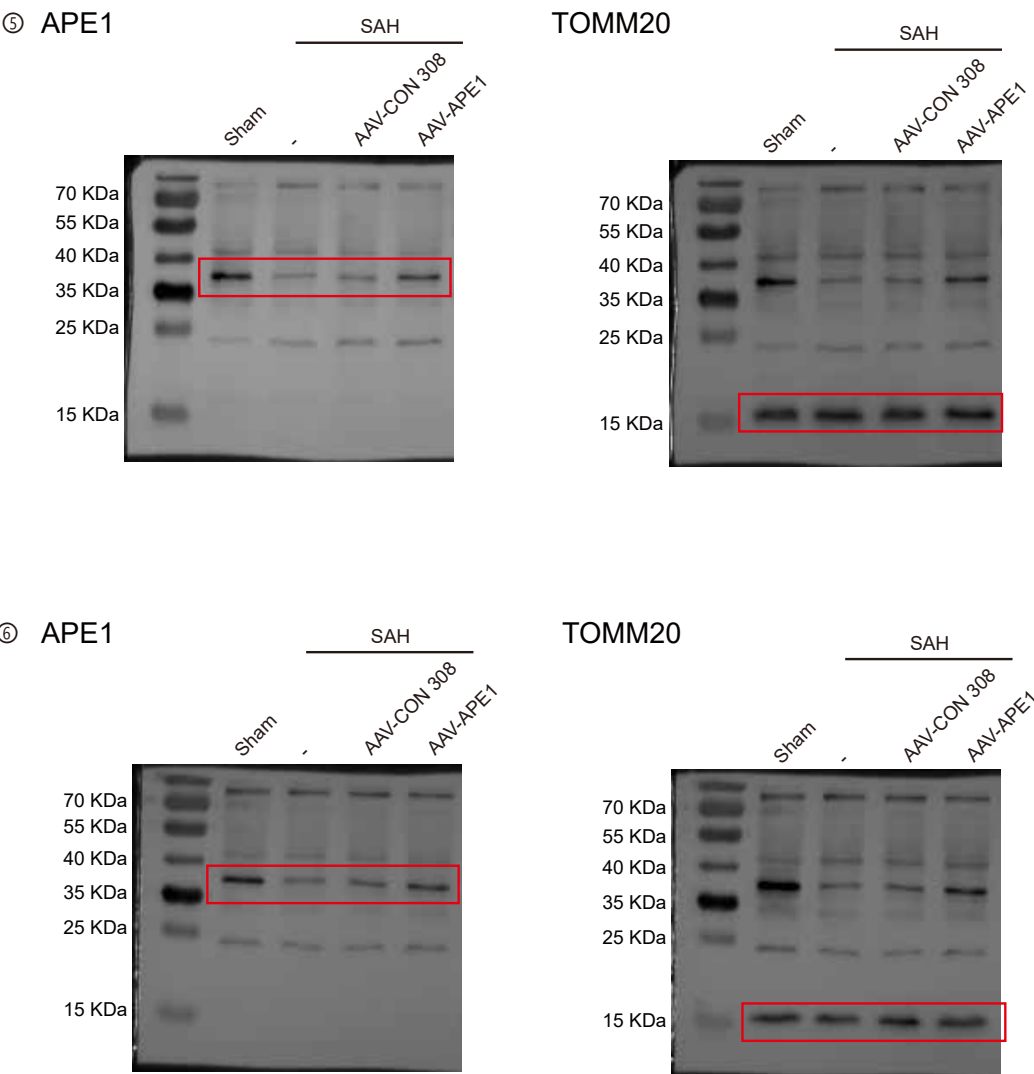


④ APE1

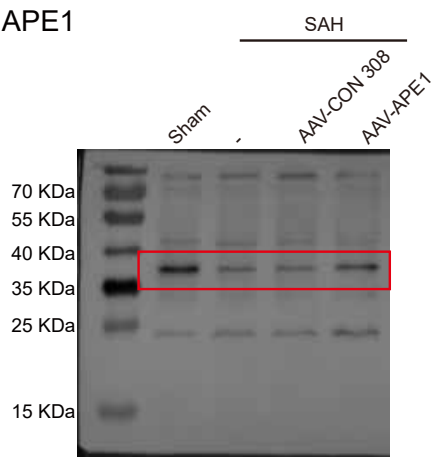


TOMM20

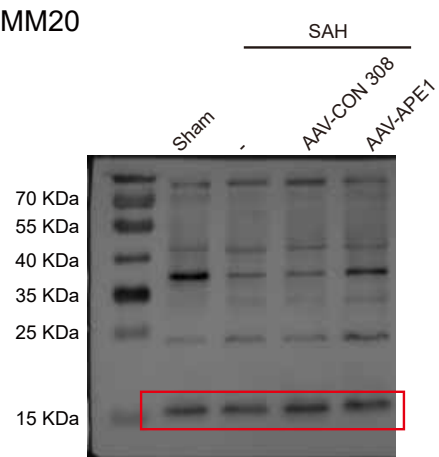




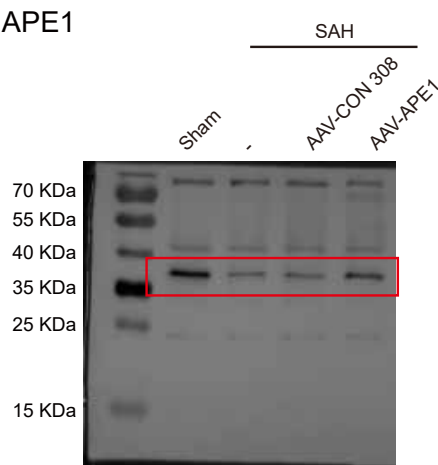
⑦ APE1



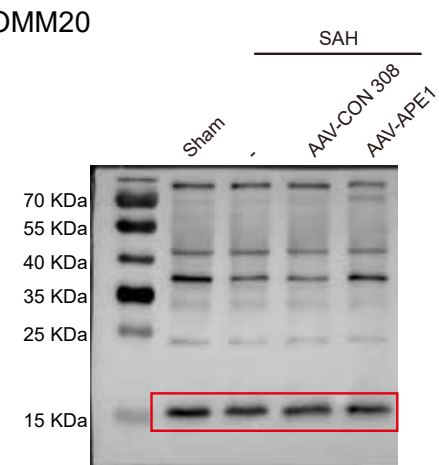
TOMM20

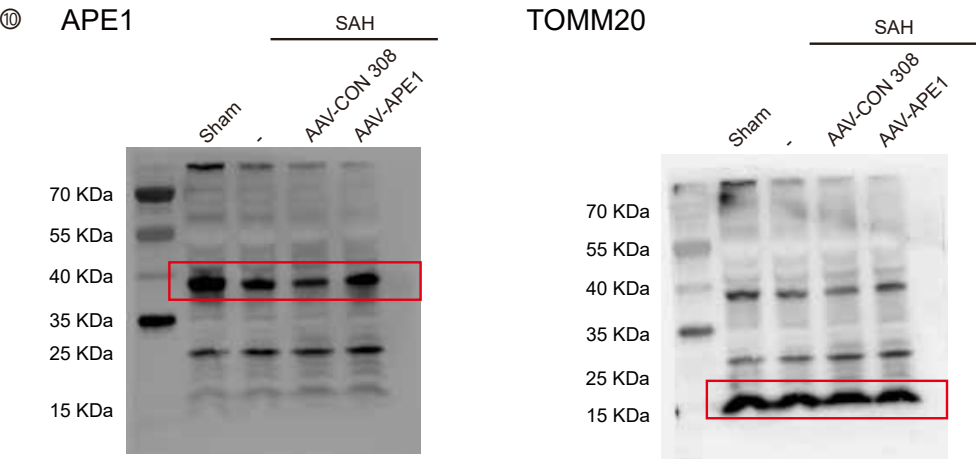
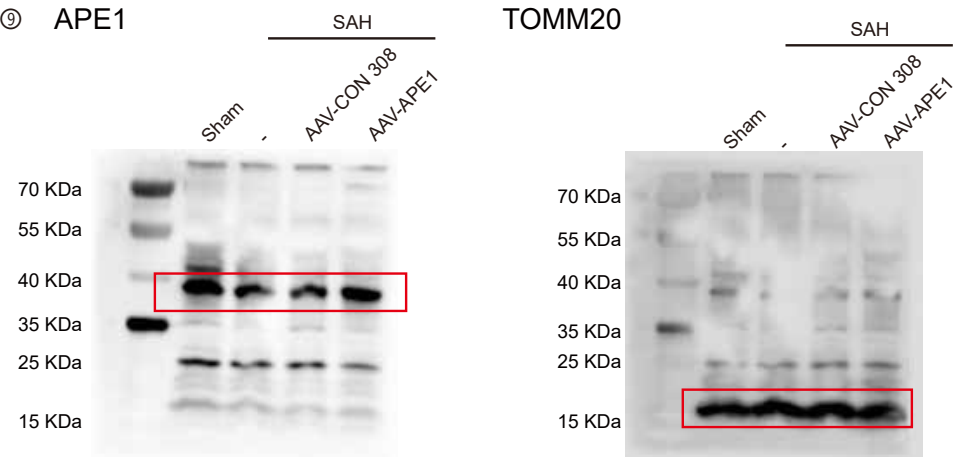


⑧ APE1



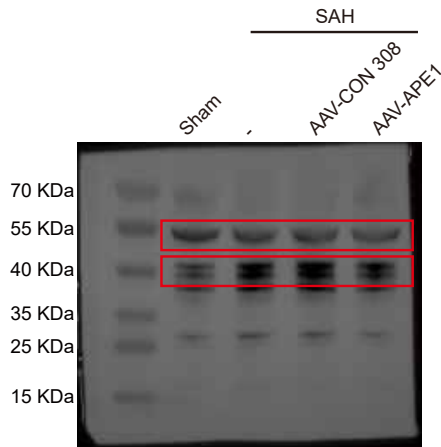
TOMM20



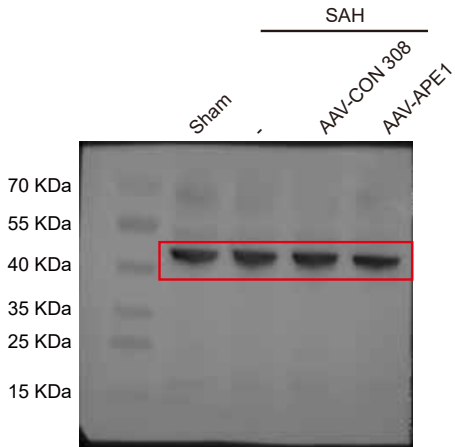


Full unedited blot for Figure 3F (n = 10)

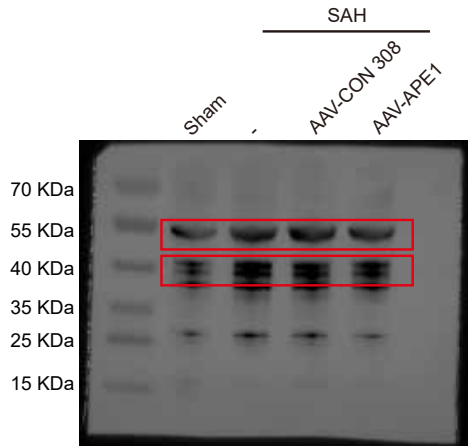
① Pro-caspase 9 and Cleaved-caspase 9



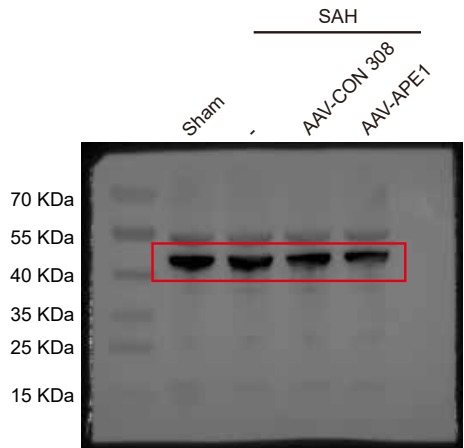
β-actin



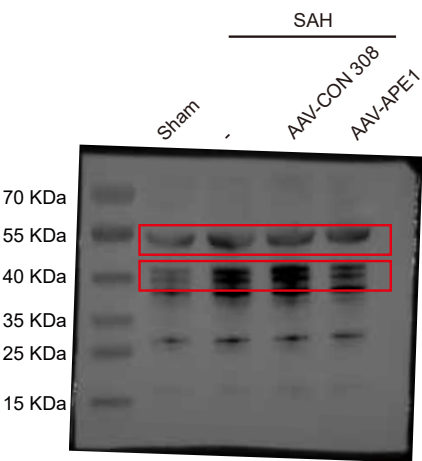
② Pro-caspase 9 and Cleaved-caspase 9



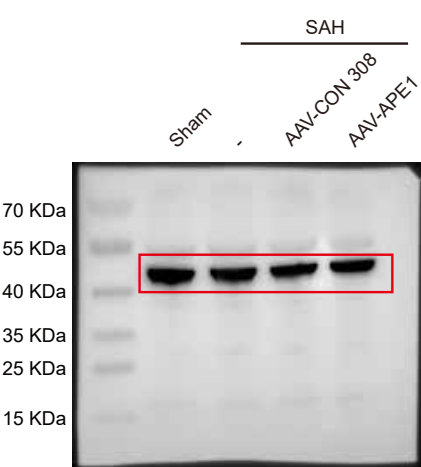
β-actin



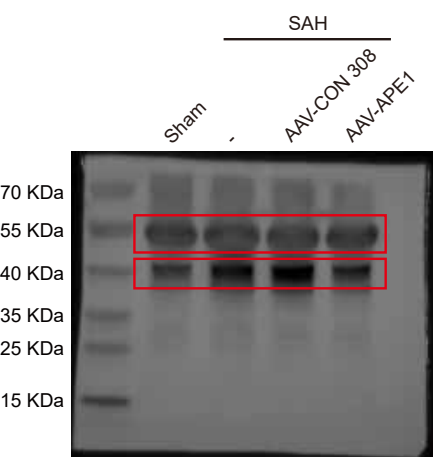
③ Pro-caspase 9 and Cleaved-caspase 9



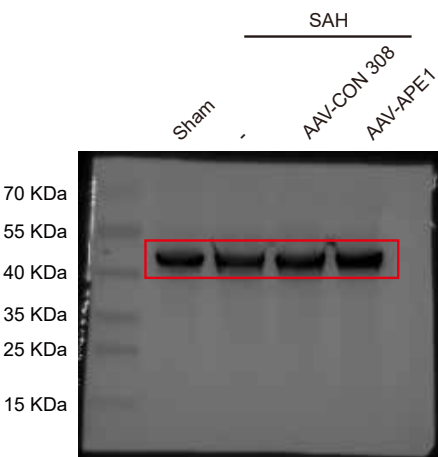
β-actin



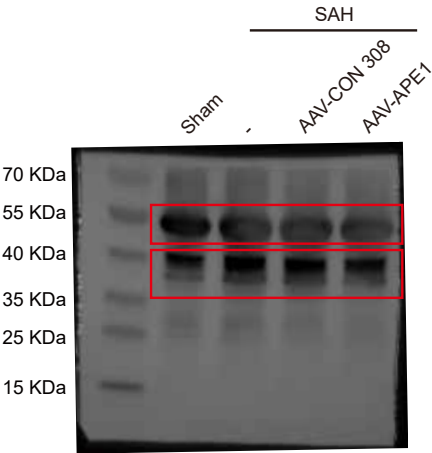
④ Pro-caspase 9 and Cleaved-caspase 9



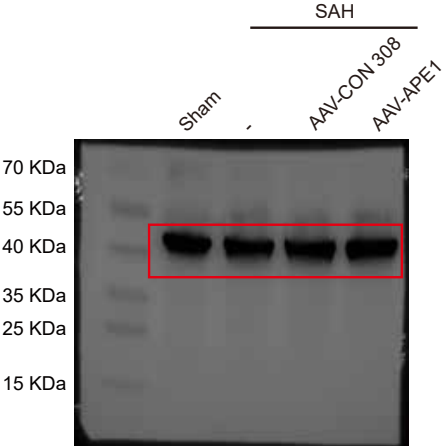
β-actin



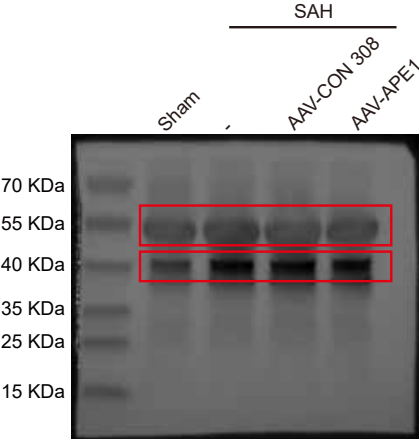
⑤ Pro-caspase 9 and Cleaved-caspase 9



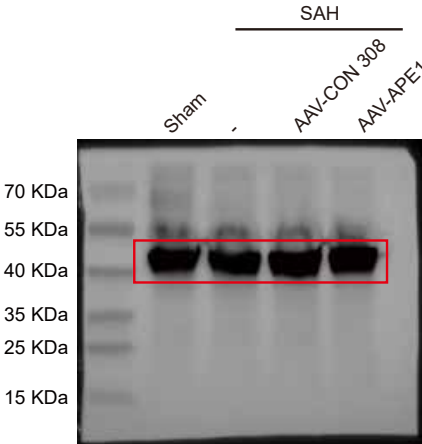
β-actin



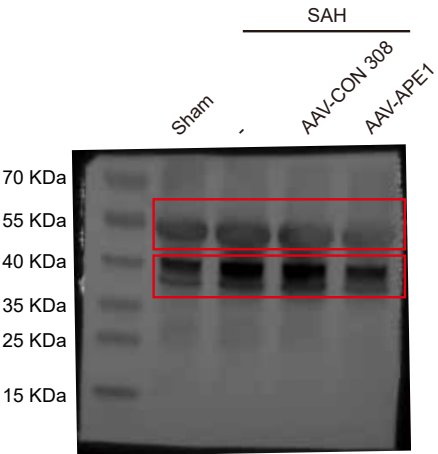
⑥ Pro-caspase 9 and Cleaved-caspase 9



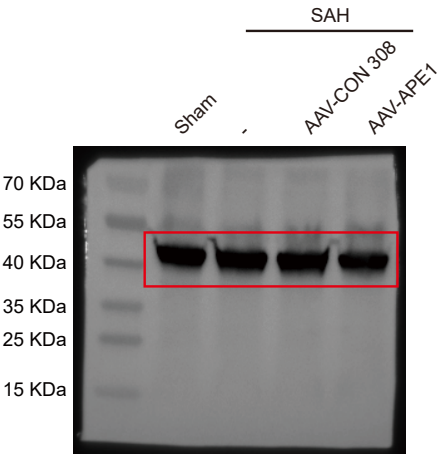
β-actin



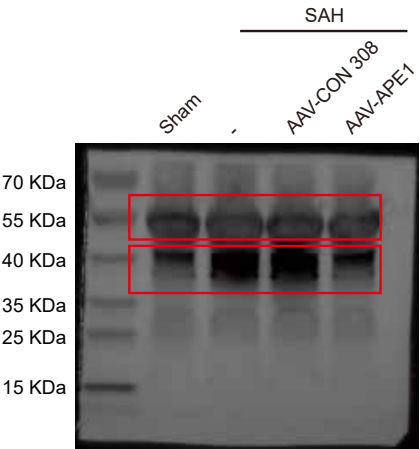
⑦ Pro-caspase 9 and Cleaved-caspase 9



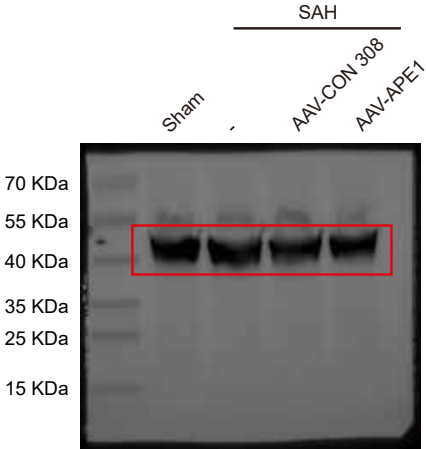
β-actin



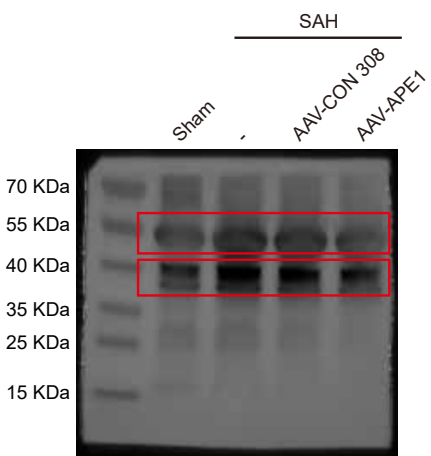
⑧ Pro-caspase 9 and Cleaved-caspase 9



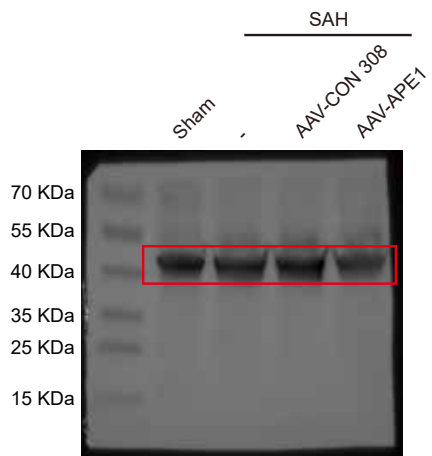
β-actin



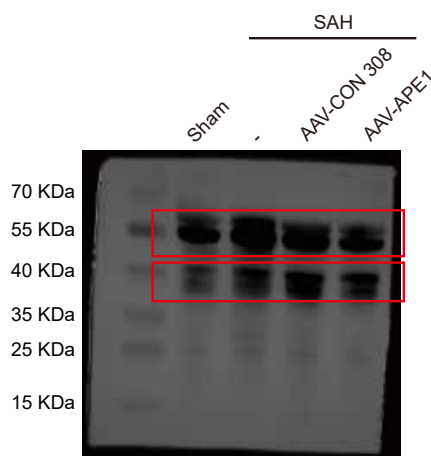
⑨ Pro-caspase 9 and Cleaved-caspase 9



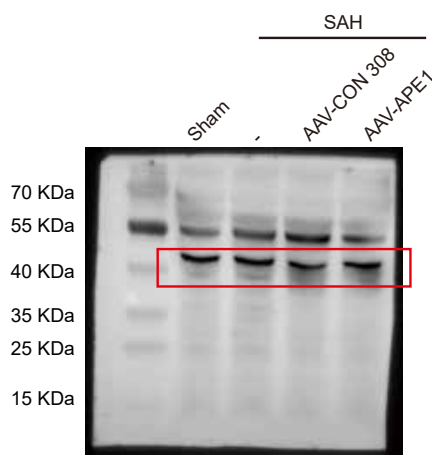
β-actin



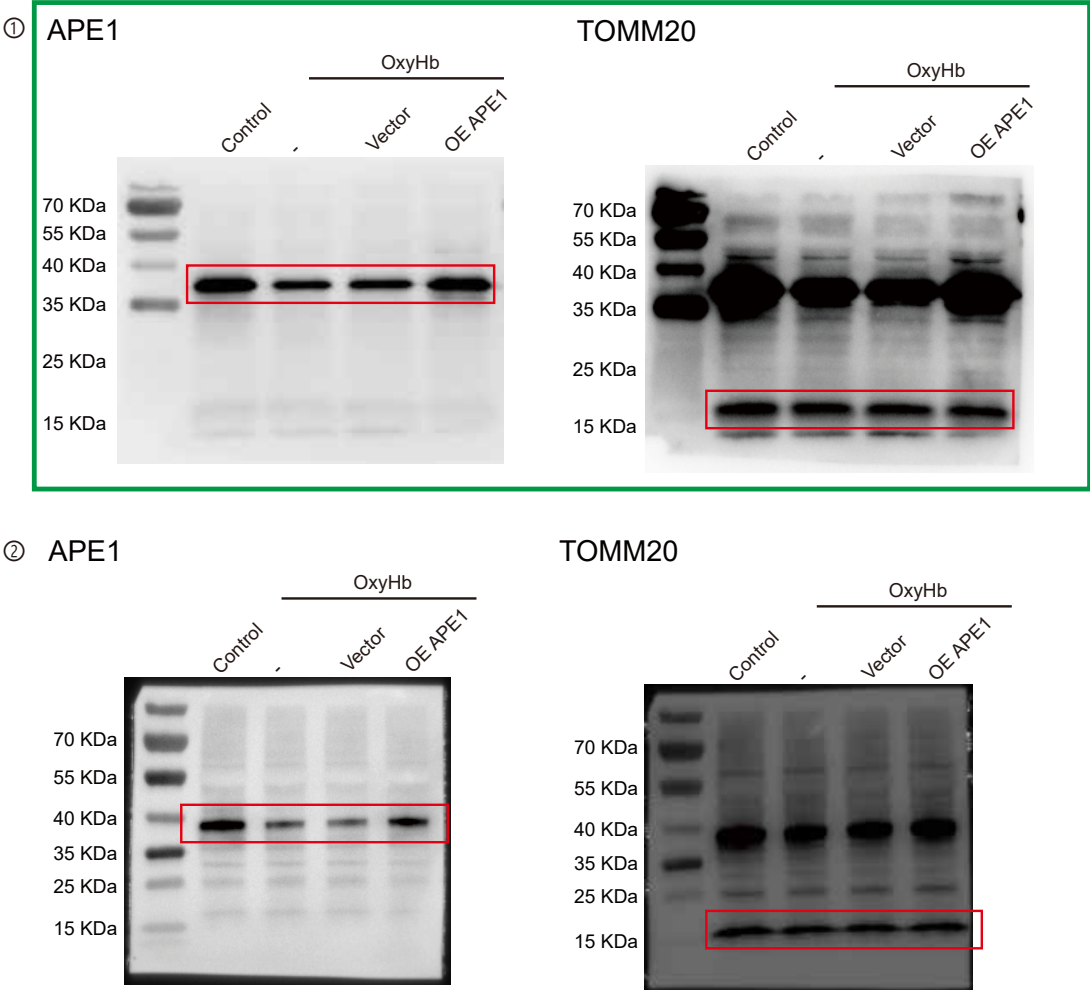
⑩ Pro-caspase 9 and Cleaved-caspase 9



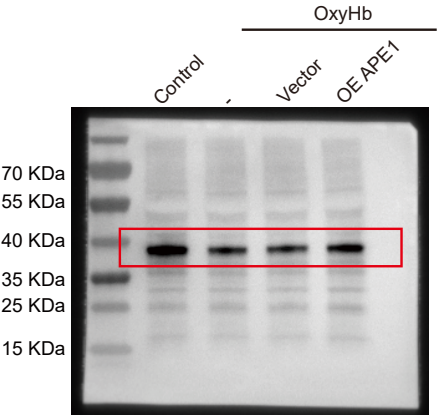
β-actin



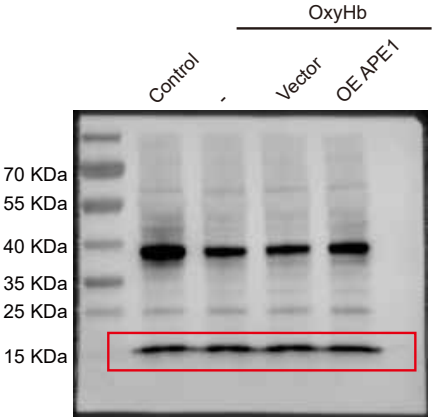
Full unedited blot for Figure 5A (n = 6)



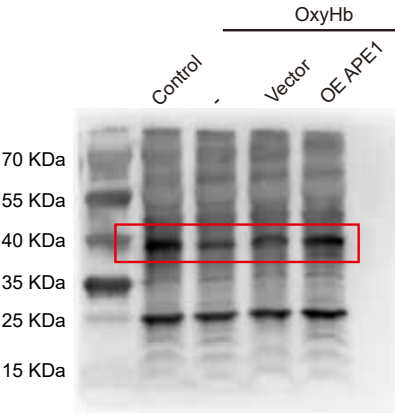
③ APE1



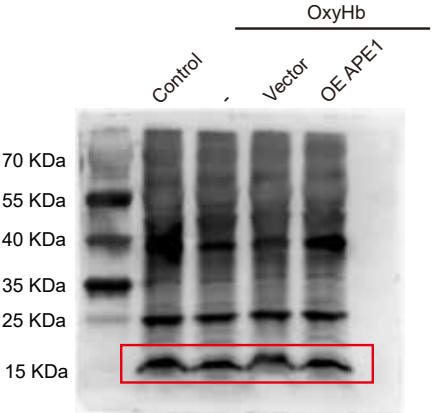
TOMM20



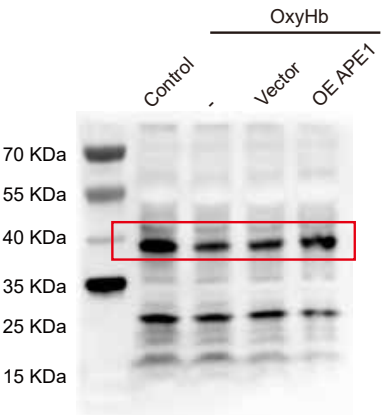
④ APE1



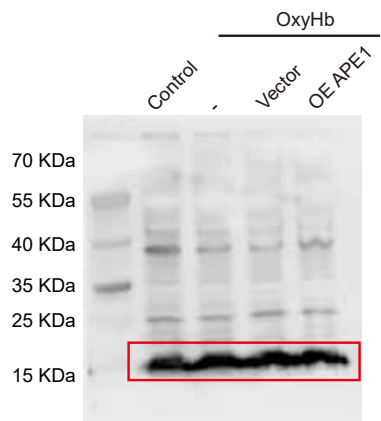
TOMM20



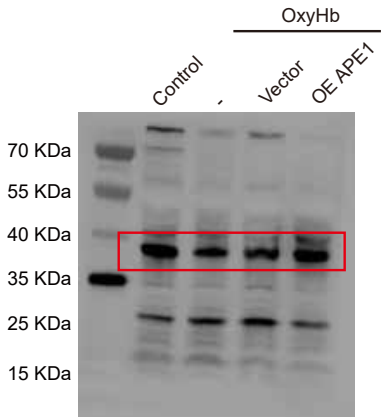
⑤ APE1



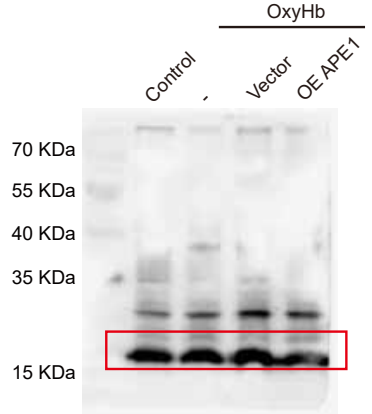
TOMM20



⑥ APE1

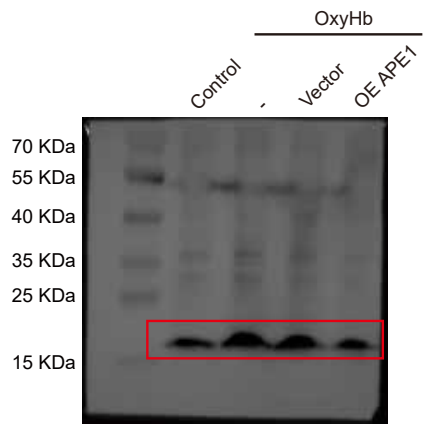


TOMM20

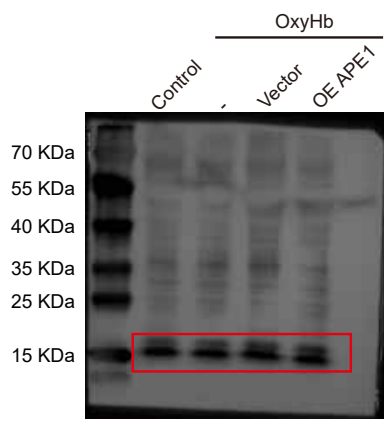


Full unedited blot for Figure 7A (n = 6)

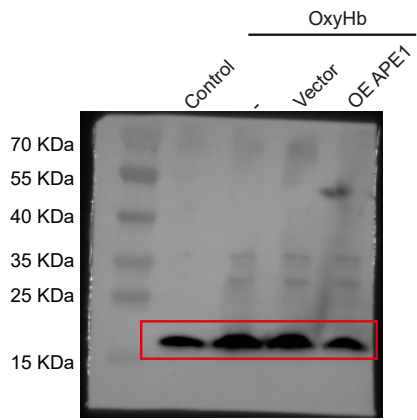
① γ -H2AX



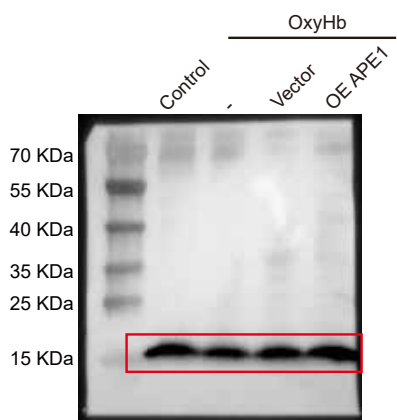
TOMM20



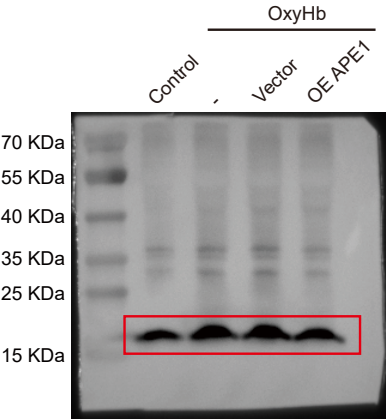
② γ -H2AX



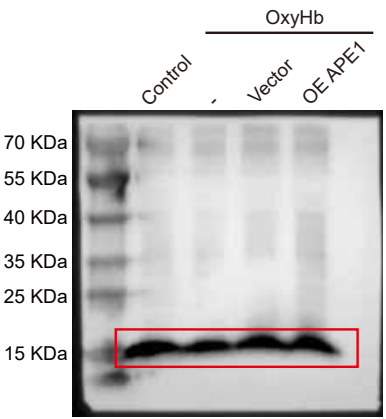
TOMM20



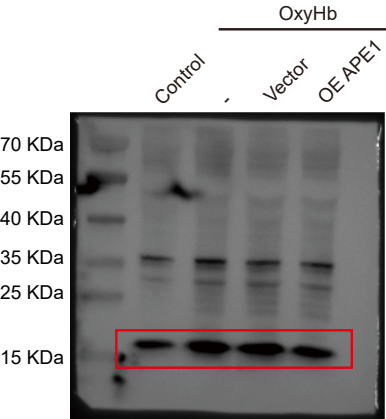
③ γ -H2AX



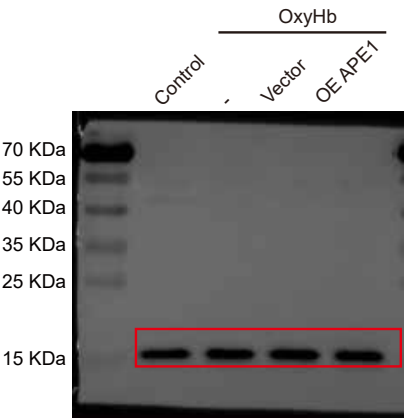
TOMM20



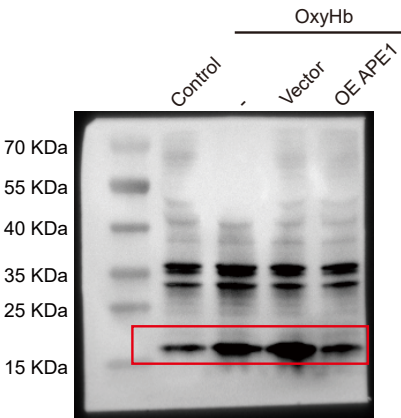
④ γ -H2AX



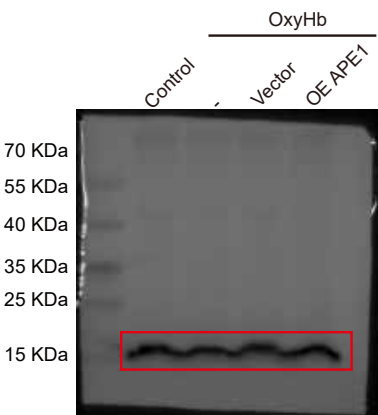
TOMM20



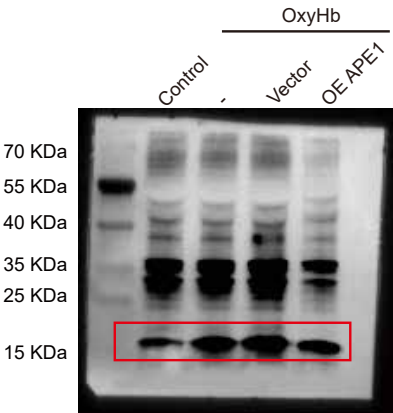
⑤ γ-H2AX



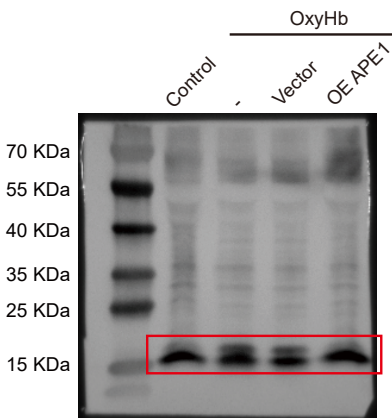
TOMM20



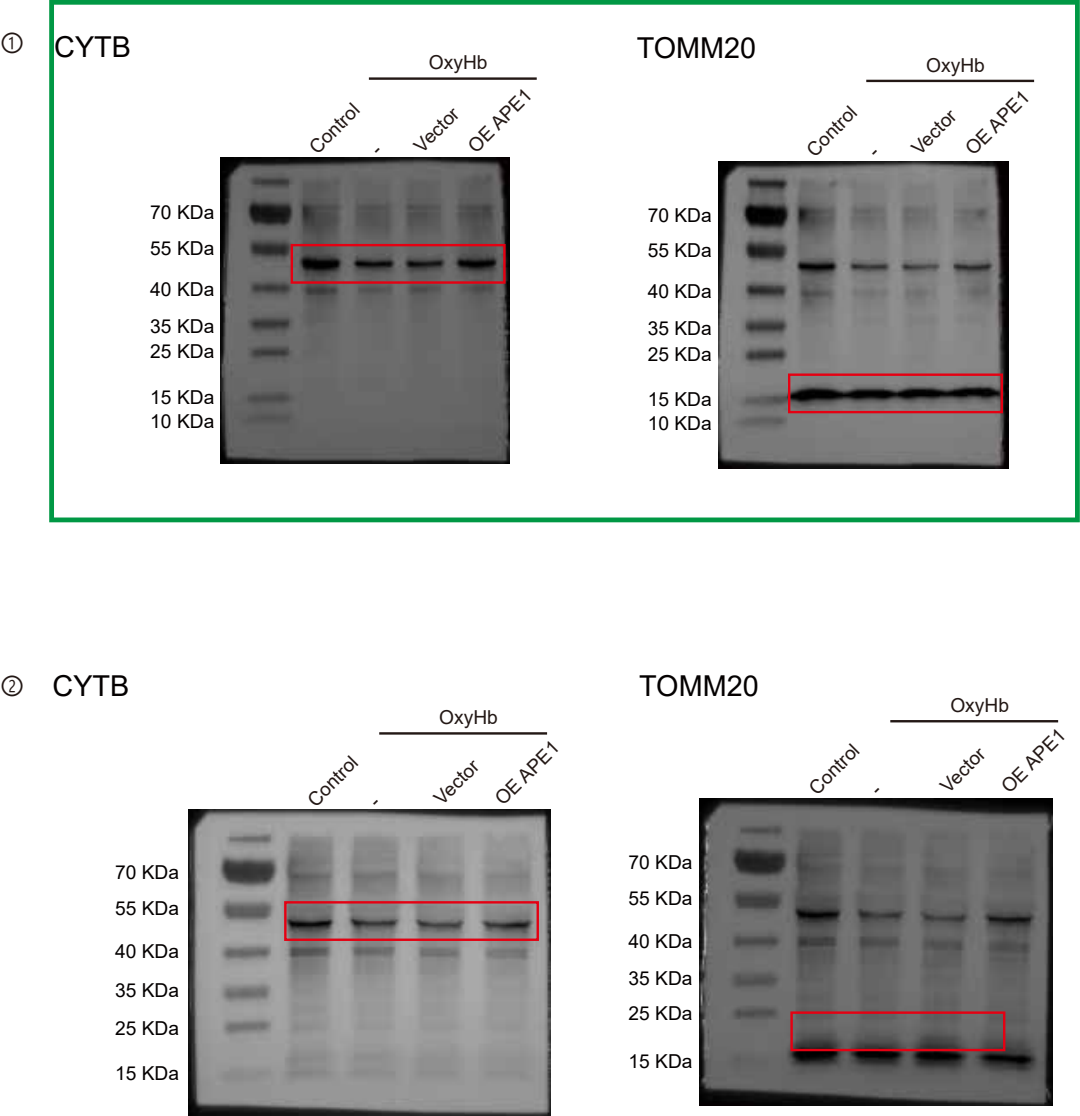
⑥ γ-H2AX



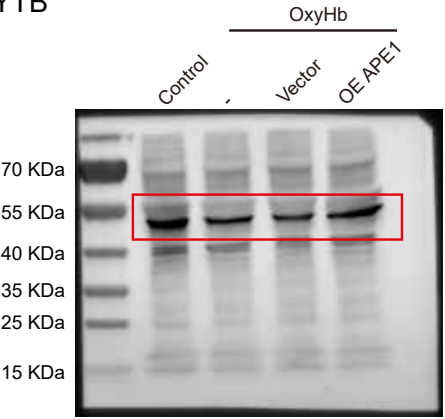
TOMM20



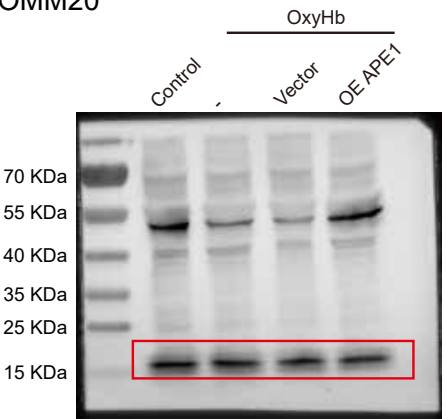
Full unedited blot for Figure 7C (n = 6)



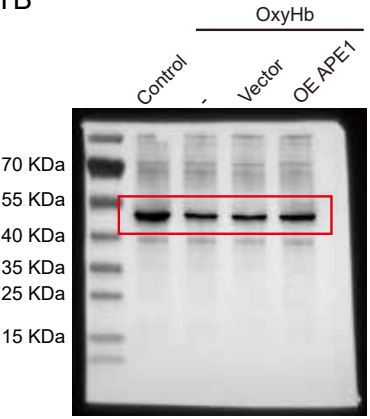
③ CYTB



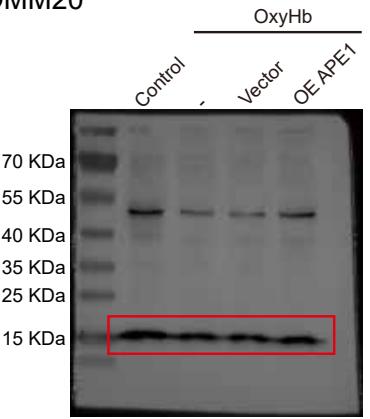
TOMM20



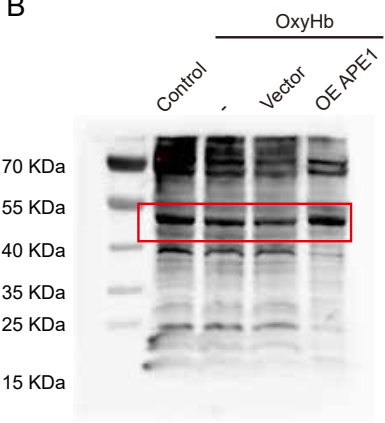
④ CYTB



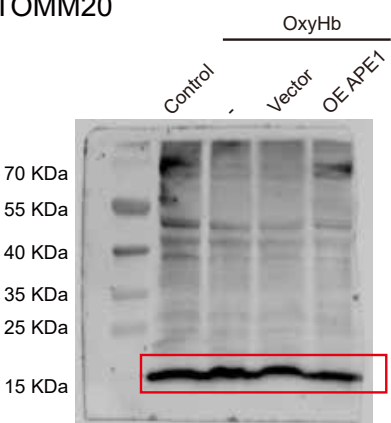
TOMM20



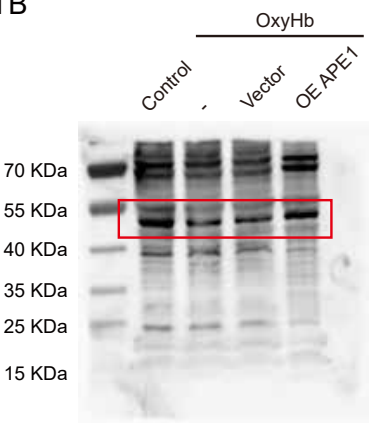
⑤ CYTB



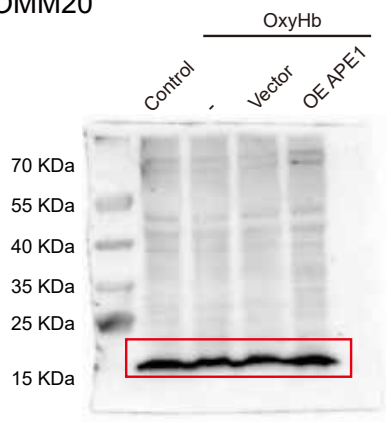
TOMM20



⑥ CYTB

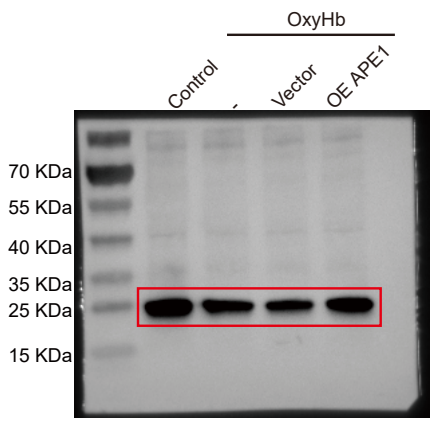


TOMM20

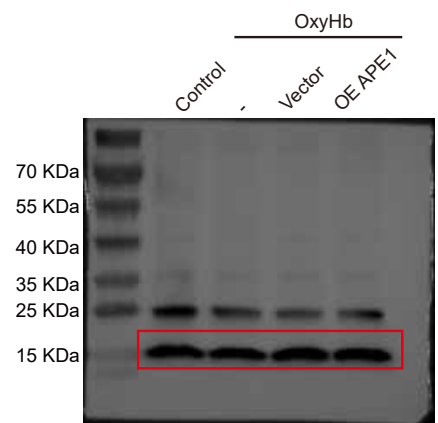


Full unedited blot for Figure 7C (n = 6)

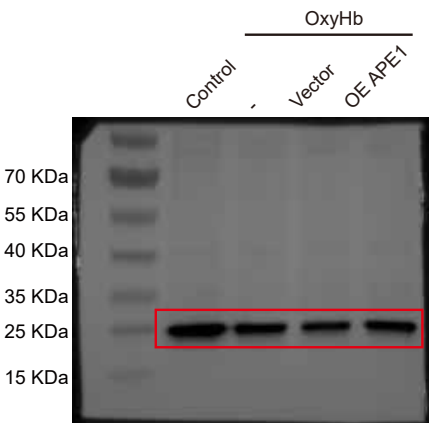
① MTCO2



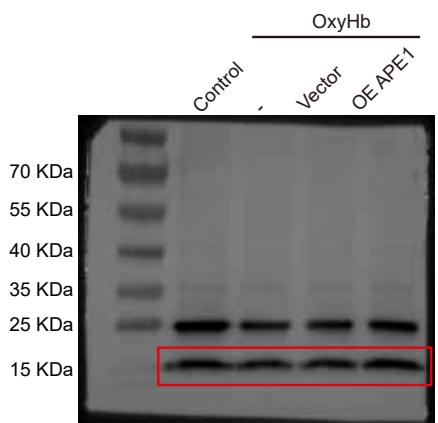
TOMM20



② MTCO2

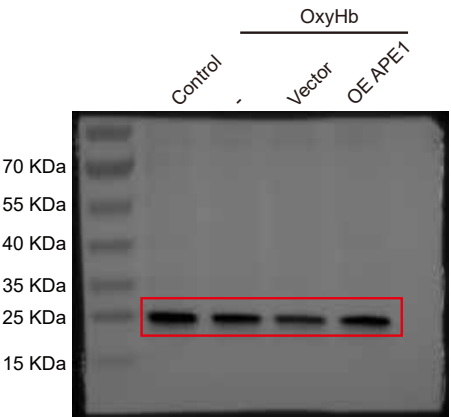


TOMM20

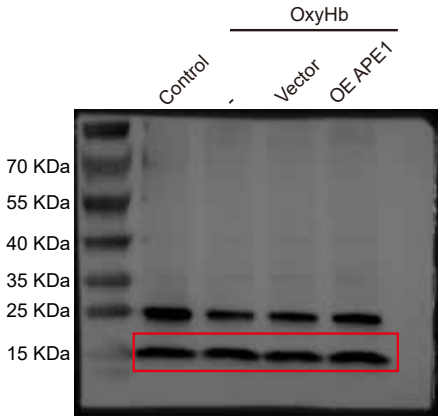


③

MTCO2

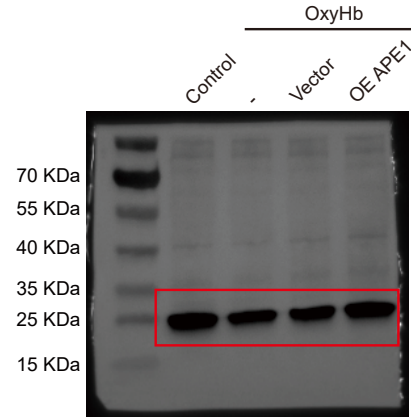


TOMM20

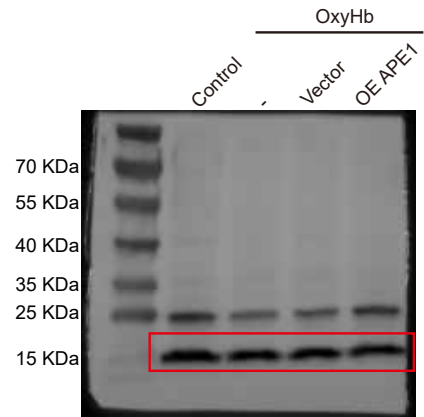


④

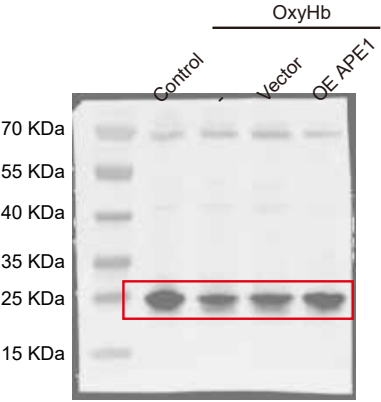
MTCO2



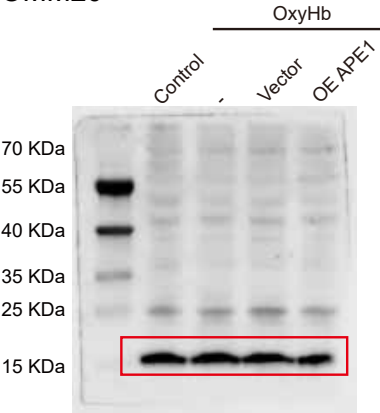
TOMM20



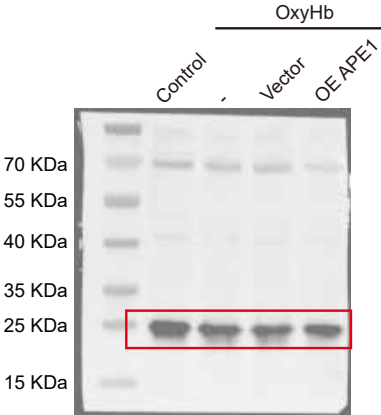
⑤ MTCO2



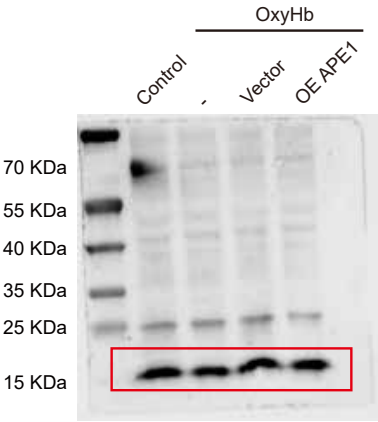
TOMM20



⑥ MTCO2

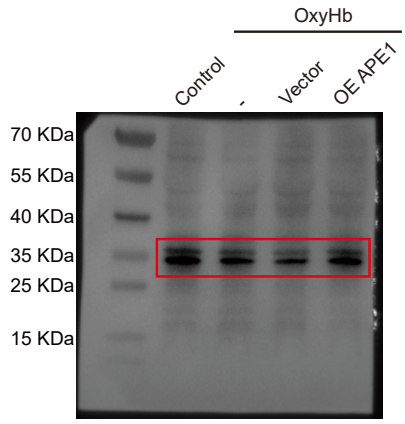


TOMM20

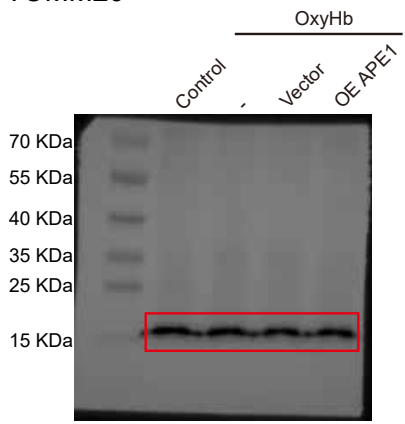


Full unedited blot for Figure 7C (n = 6)

① ATP6

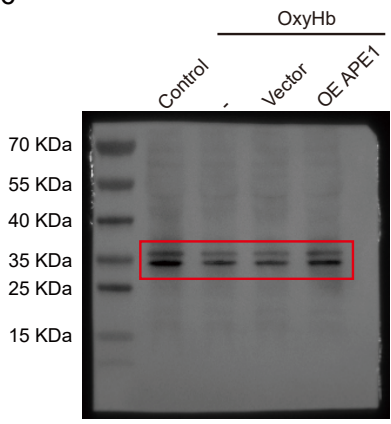


TOMM20

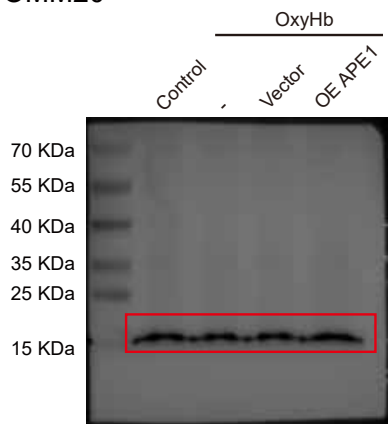


②

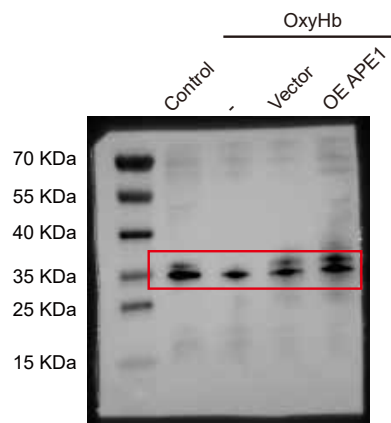
ATP6



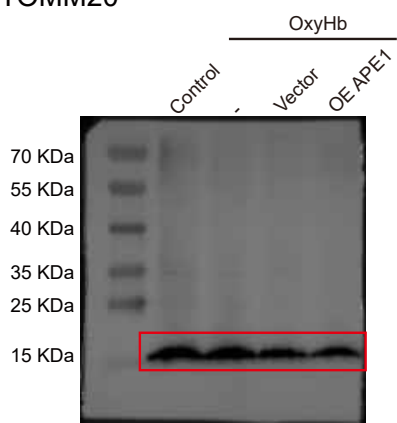
TOMM20



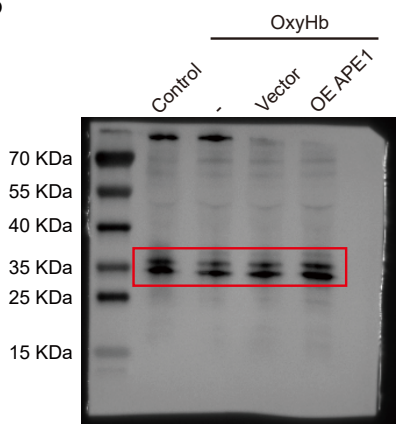
③ ATP6



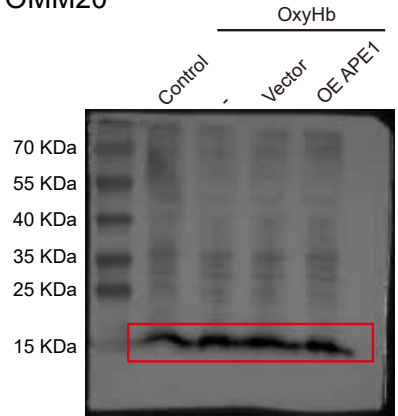
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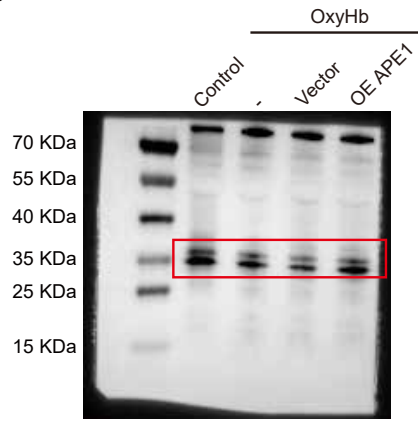
④ ATP6



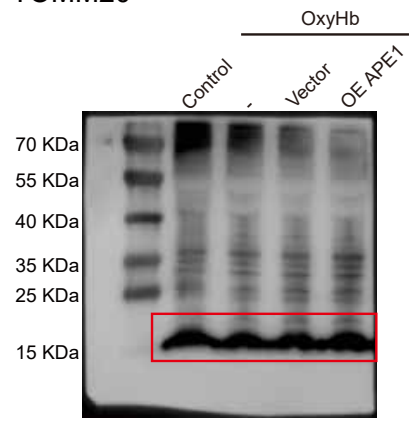
TOMM20



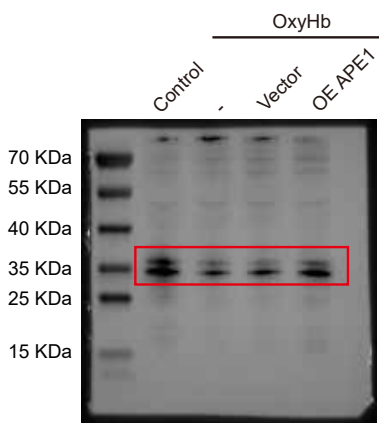
⑤ ATP6



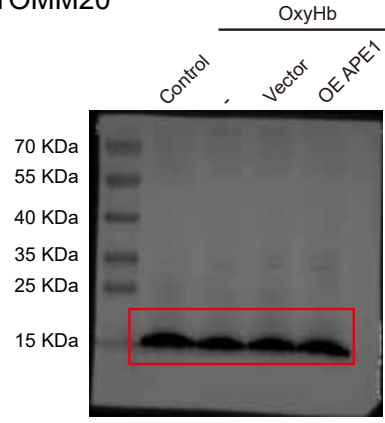
TOMM20



⑥ ATP6

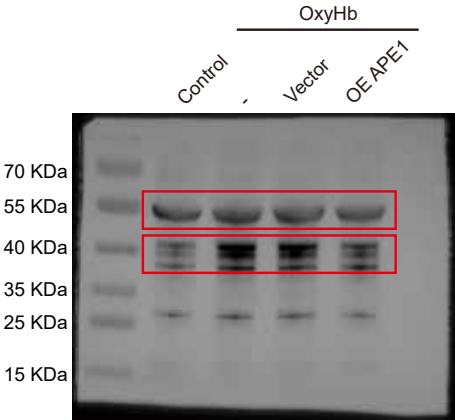


TOMM20

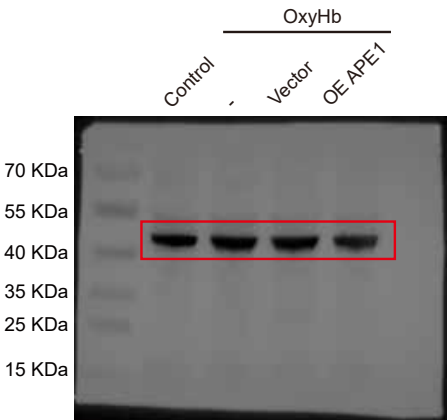


Full unedited blot for Figure 7G (n = 6)

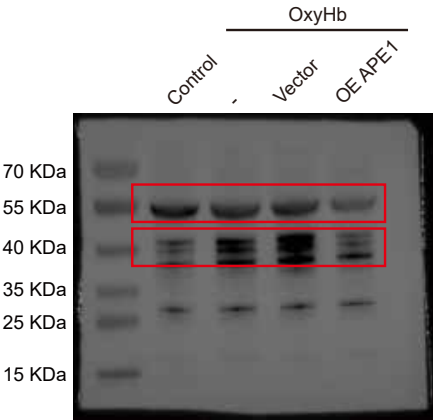
① Pro-caspase 9 and Cleaved-caspase 9



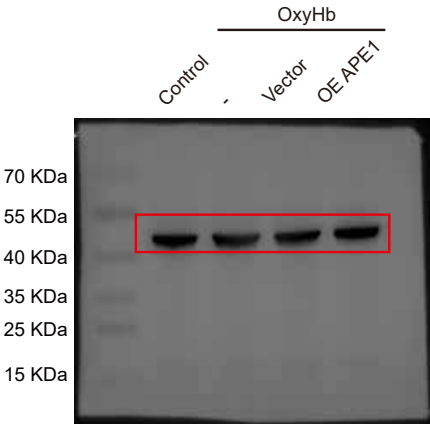
β -actin



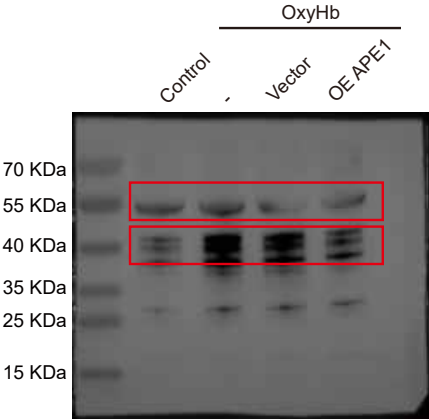
② Pro-caspase 9 and Cleaved-caspase 9



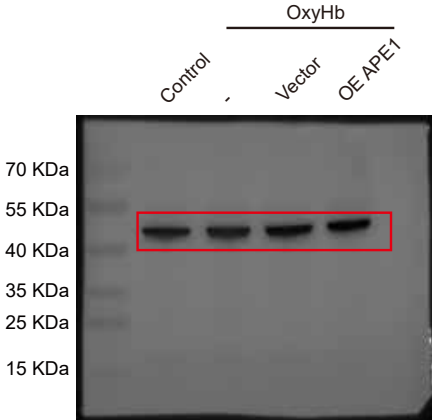
β -actin



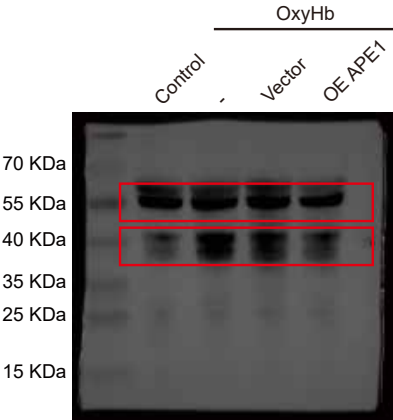
③ Pro-caspase 9 and Cleaved-caspase 9



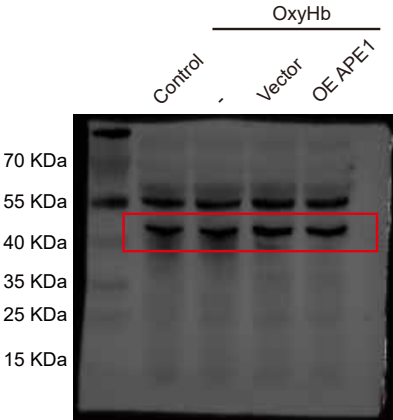
β-actin



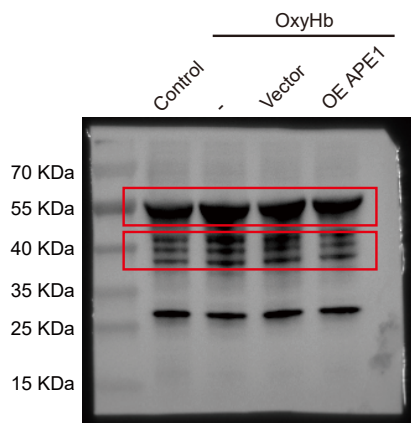
④ Pro-caspase 9 and Cleaved-caspase 9



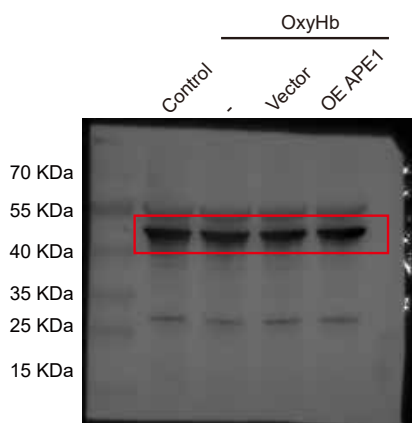
β-actin



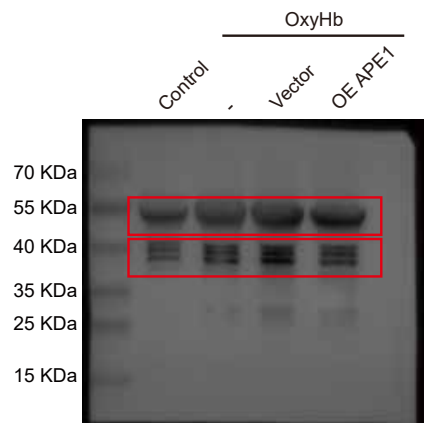
⑤ Pro-caspase 9 and Cleaved-caspase 9



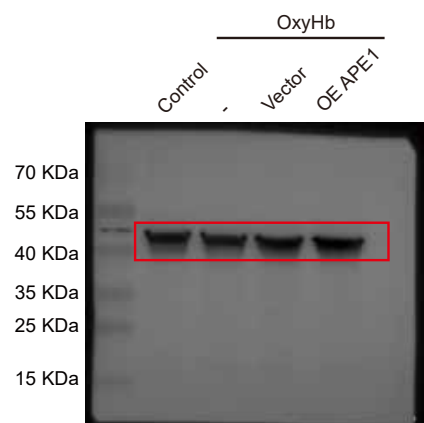
β-actin



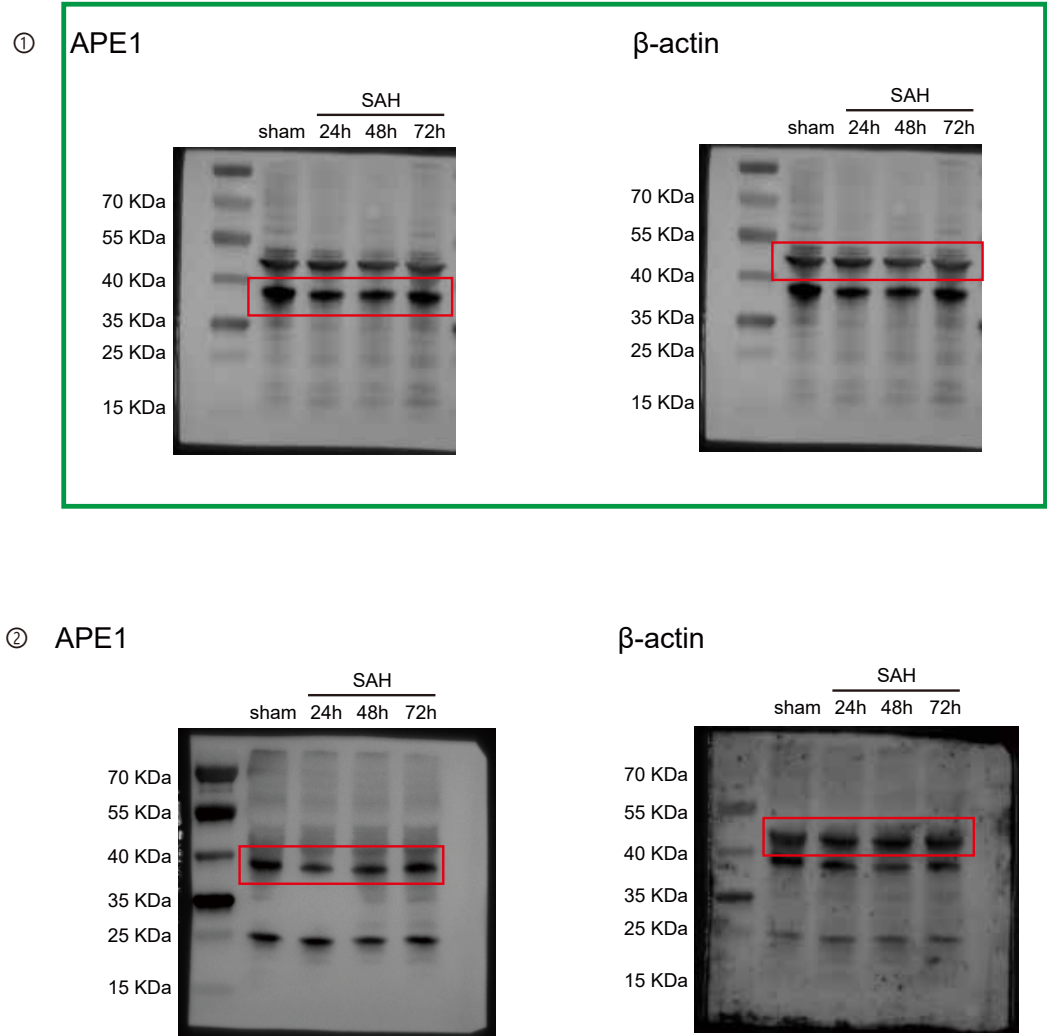
⑥ Pro-caspase 9 and Cleaved-caspase 9



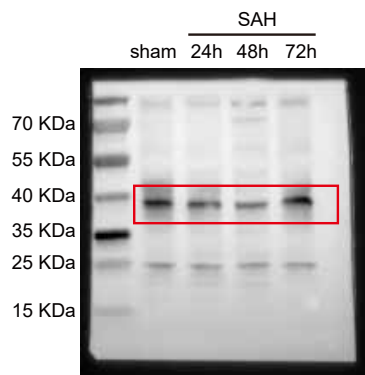
β-actin



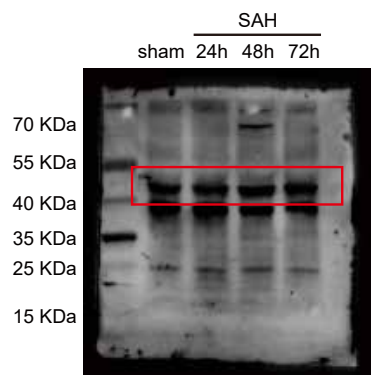
Full unedited blot for Supplementary material Figure S3A (n = 6)



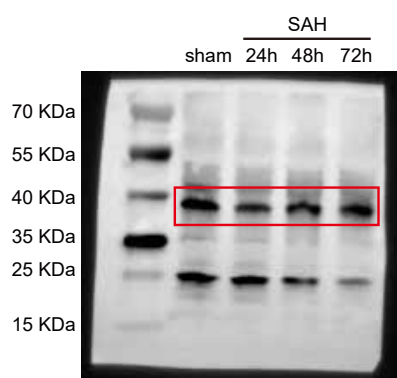
③ APE1



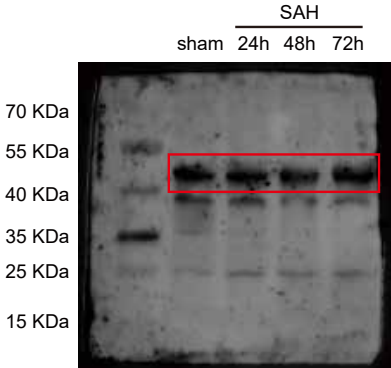
β -actin



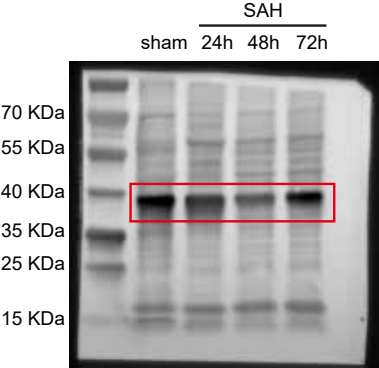
④ APE1



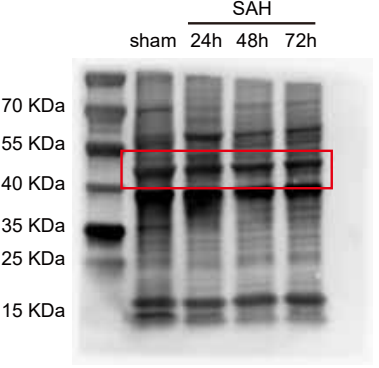
β -actin



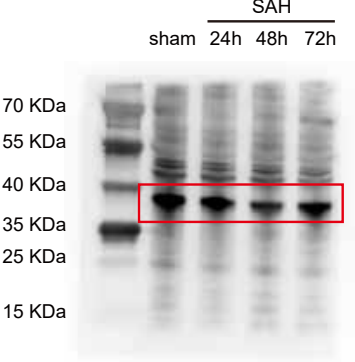
⑤ APE1



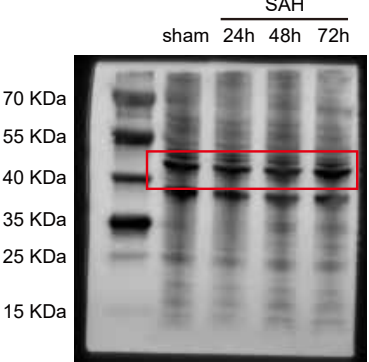
β-actin



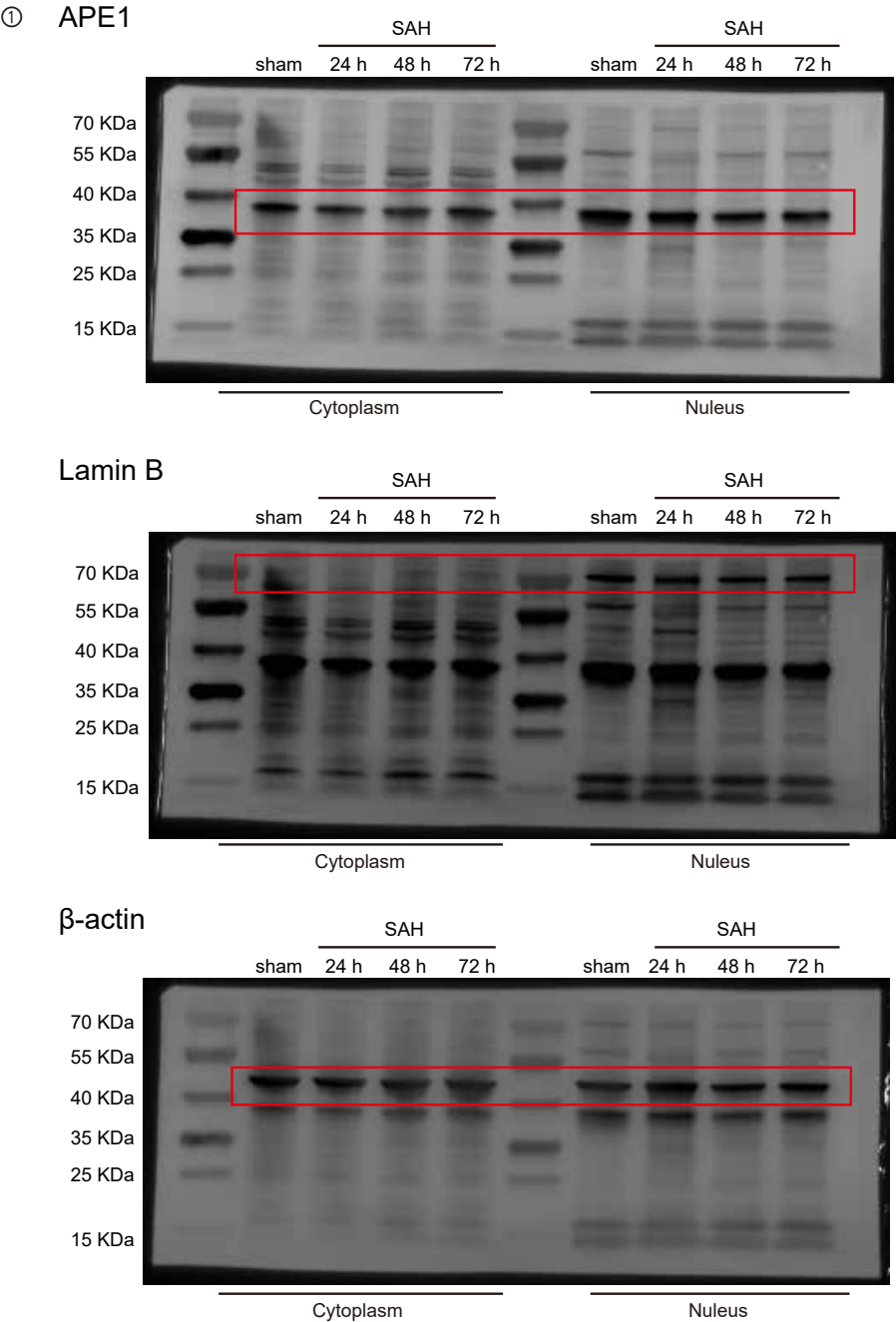
⑥ APE1



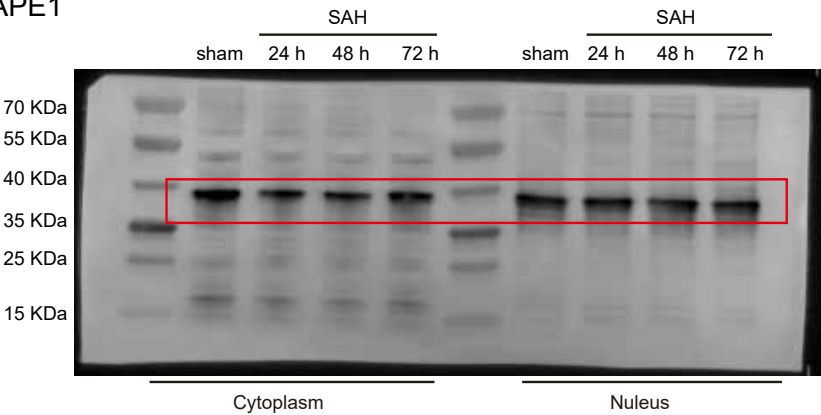
β-actin



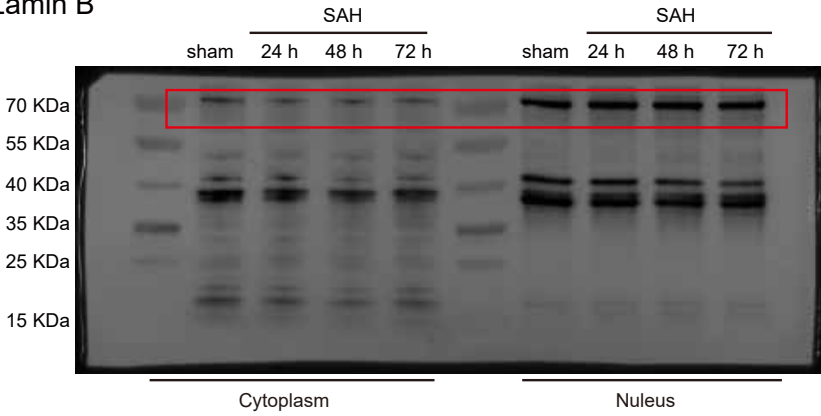
Full unedited blot for Supplementary material Figure S3B (n = 6)



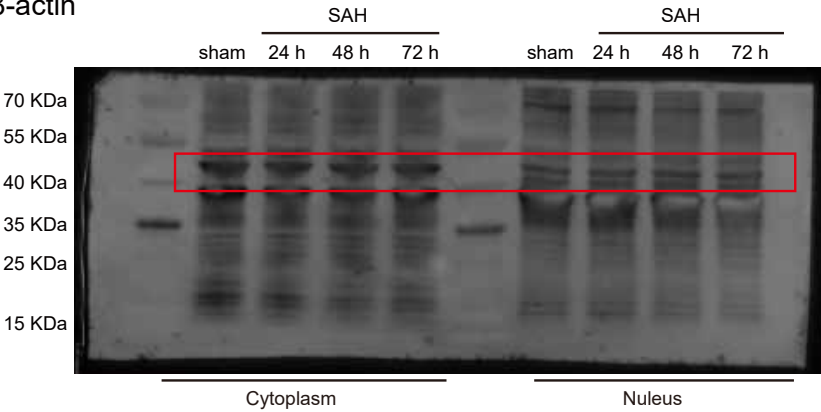
② APE1



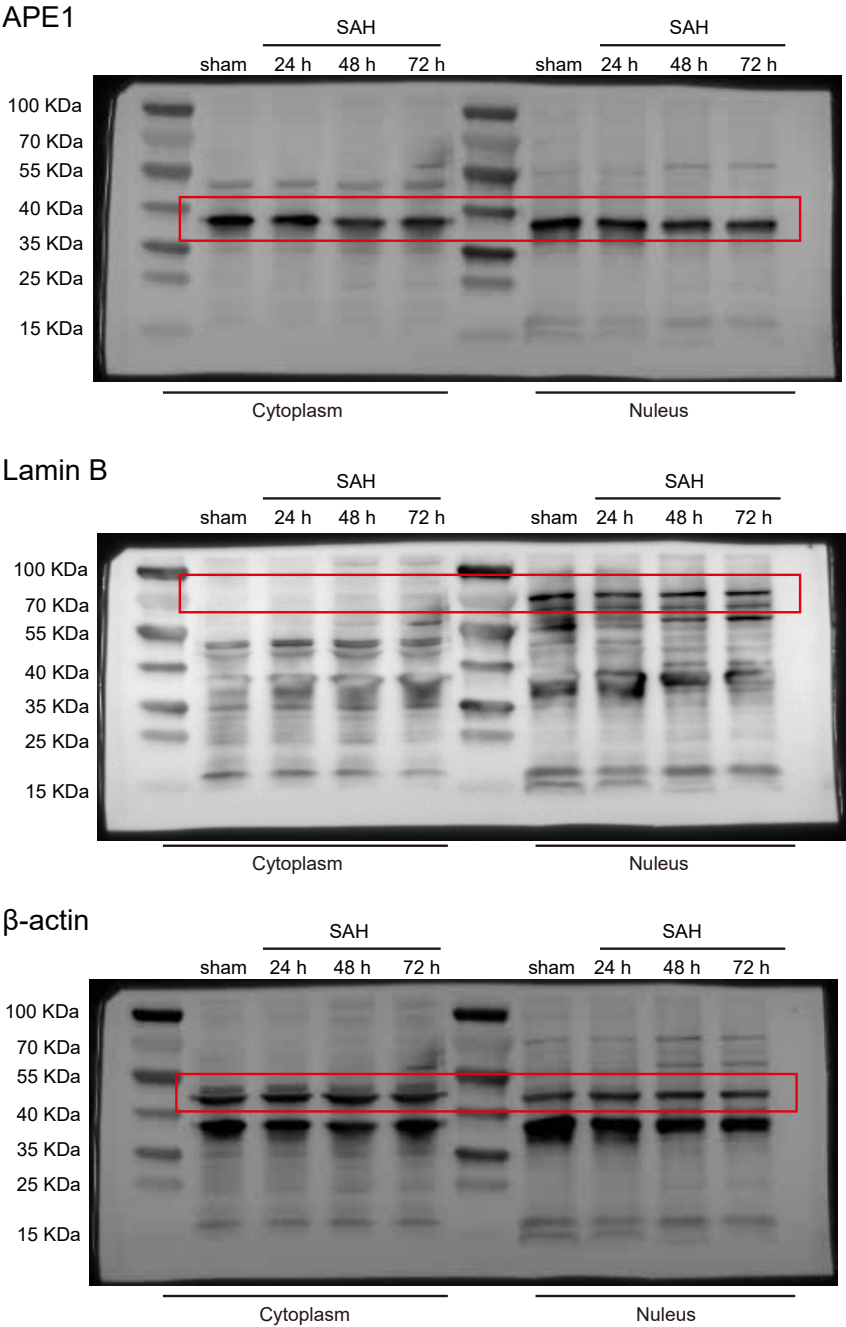
Lamin B



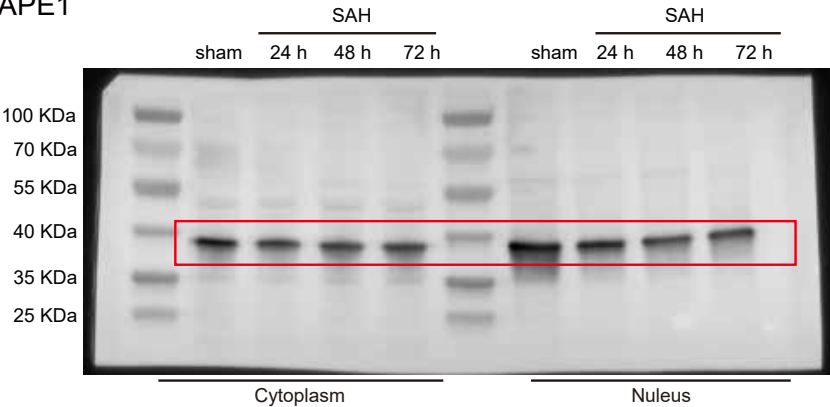
β-actin



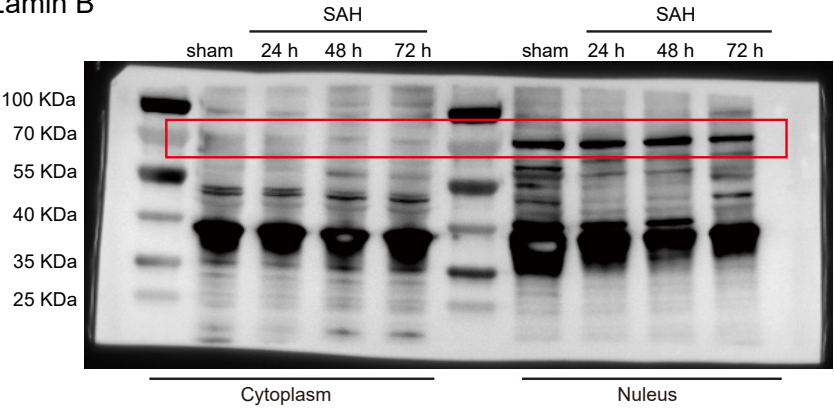
③



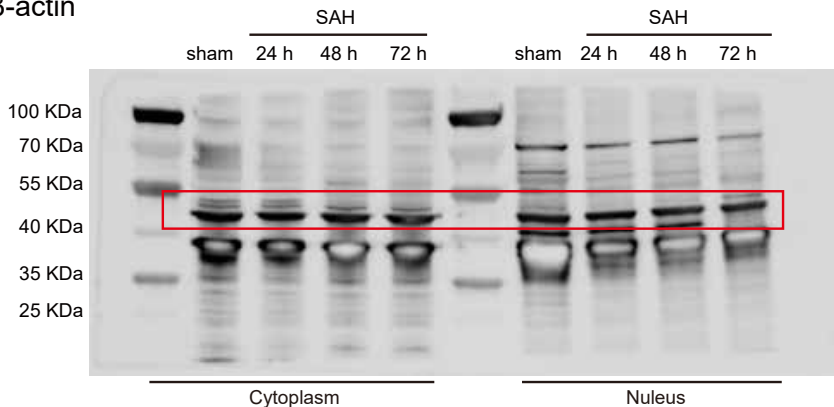
④ APE1



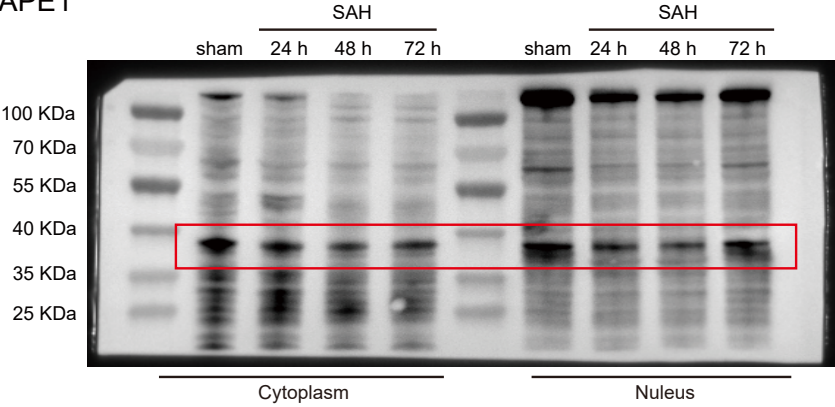
Lamin B



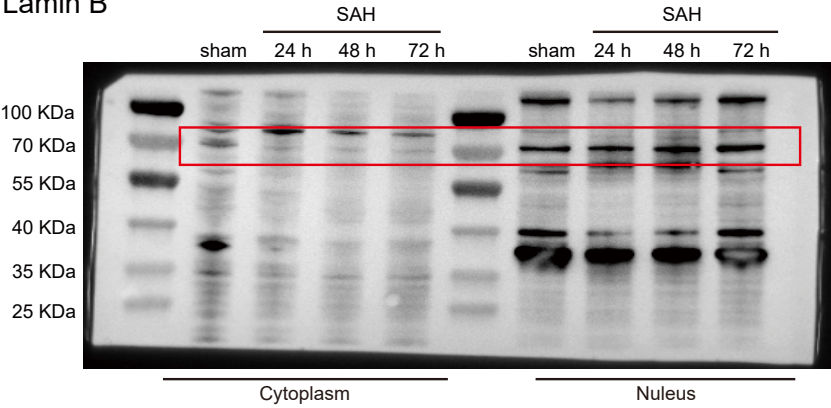
β-actin



⑥ APE1



Lamin B



β-actin

