

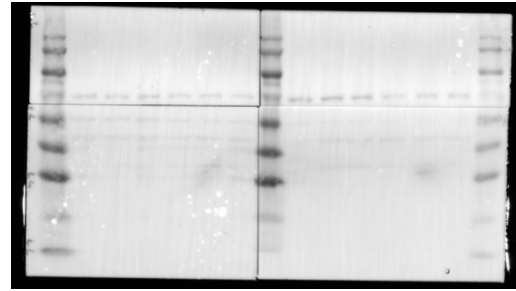
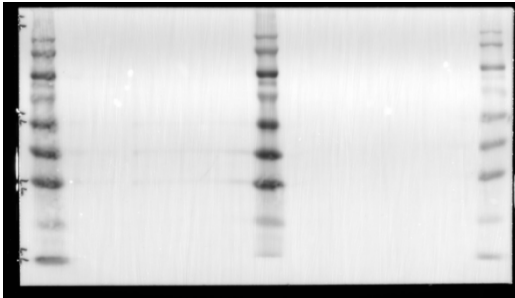
Original Western Blot Images

The original Western blot images were obtained from the same protein transfer experiments. After protein transfer, each PVDF membrane was sectioned according to the molecular weight ranges of the target proteins and separately incubated with the corresponding primary antibodies and the β -Tubulin loading control antibody. The presented blot images were derived from the same original PVDF membrane, and the original sample loading order was maintained throughout. β -Tubulin was used as the loading control and was detected from the corresponding section of the same original PVDF membrane. No bands were selectively removed or digitally manipulated.

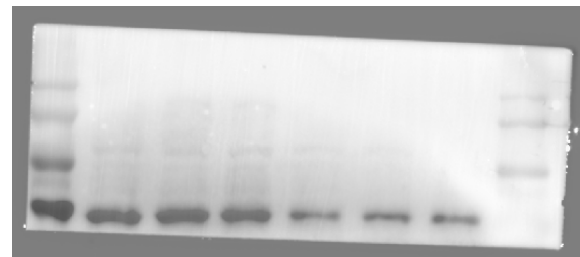
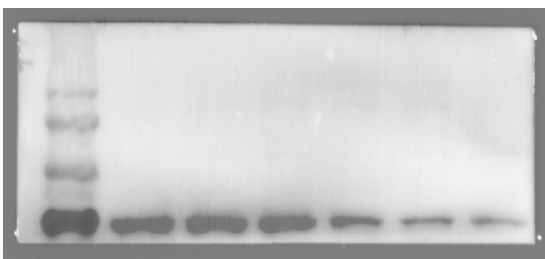
For all target proteins shown below, the left part of the membrane corresponds to the ox-LDL-induced CHD-like cellular model, including control VSMCs and ox-LDL-treated VSMCs, whereas the right part corresponds to the OA/PA-induced NAFLD-like cellular model, including control HepLi5 cells and OA/PA-treated HepLi5 cells. A molecular weight marker was included between the two experimental regions as a molecular weight reference.

the full, uncut original gel images

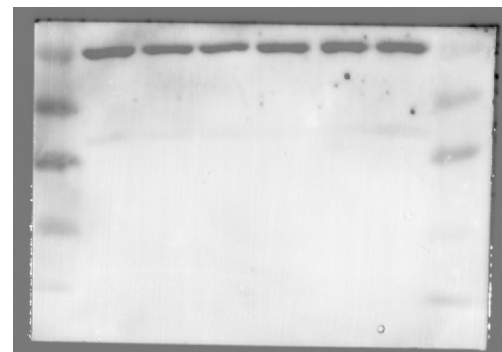
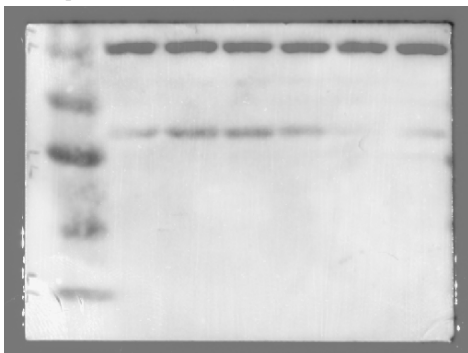
FOXO1 (70kDa) and β -tubulin (55kDa)



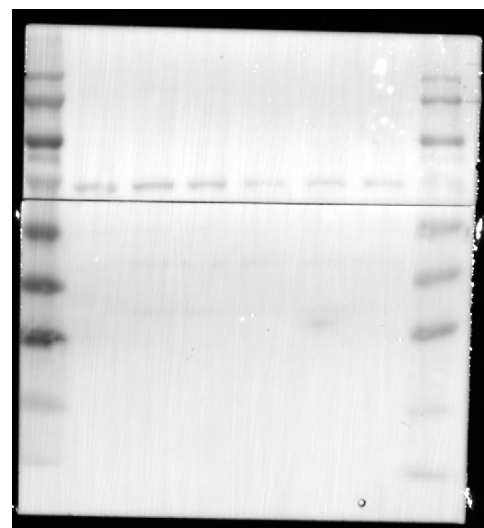
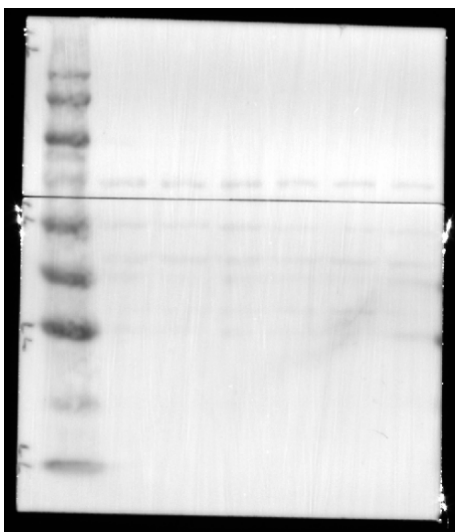
FOXO1 (70kDa)



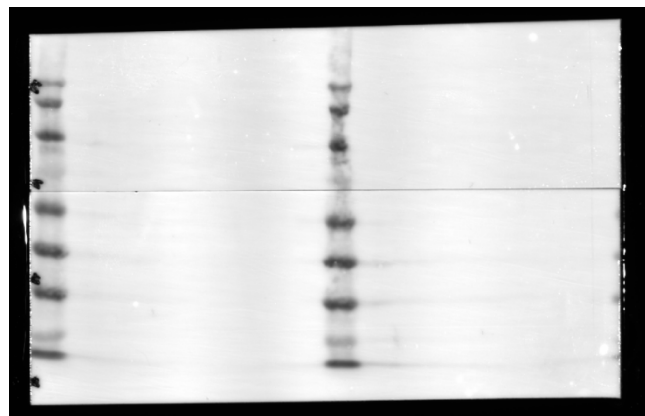
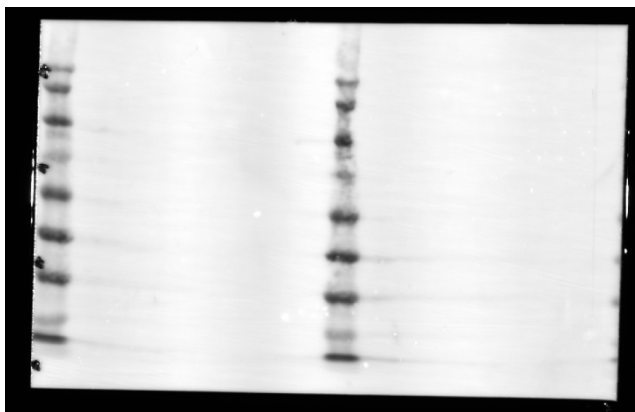
β -tubulin (55kDa)



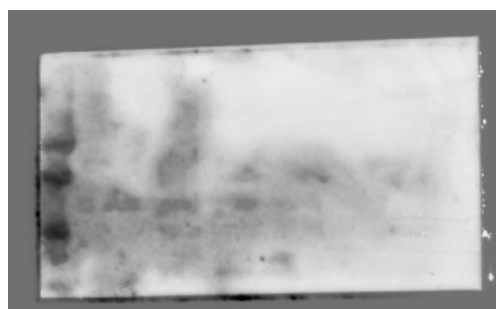
Assembled FOXO1 (70 kDa) and β -tubulin (55 kDa) Western blot images.



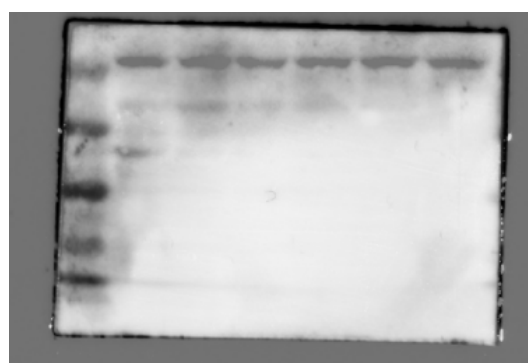
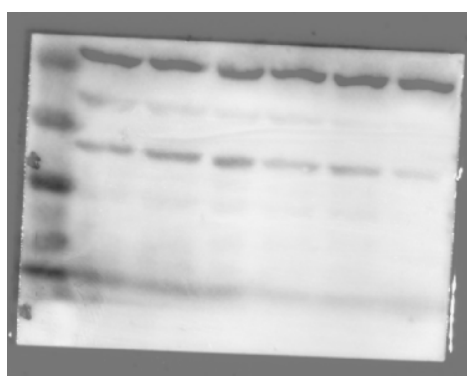
the full, uncut original gel images
SIK1 (100kDa) and β -tubulin (55kDa)



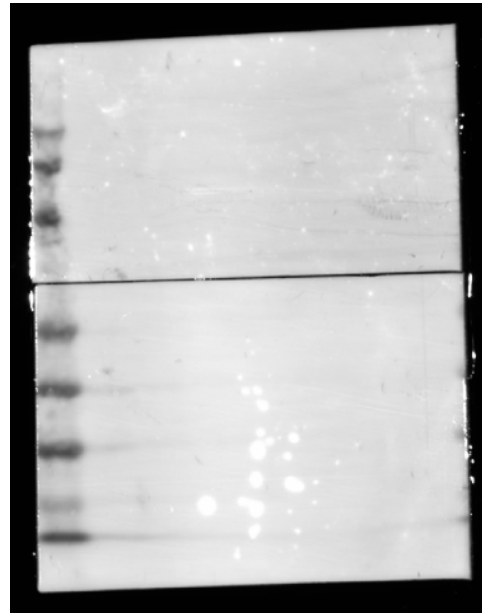
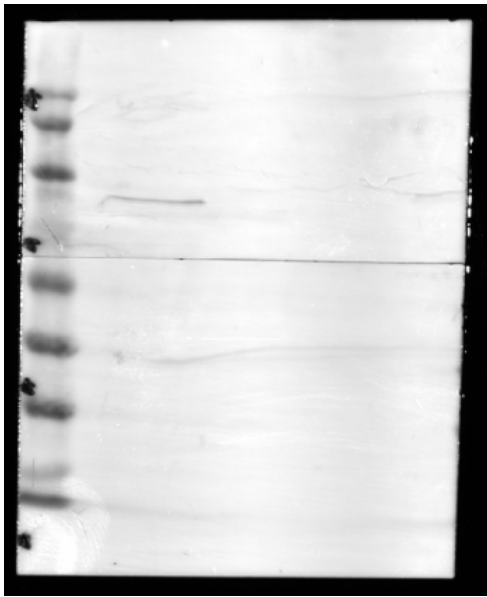
SIK1 (100kDa)



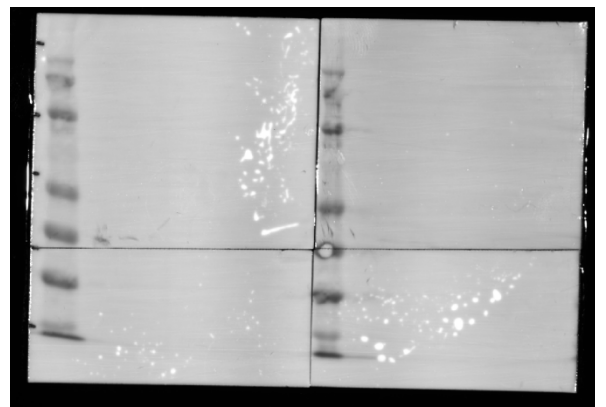
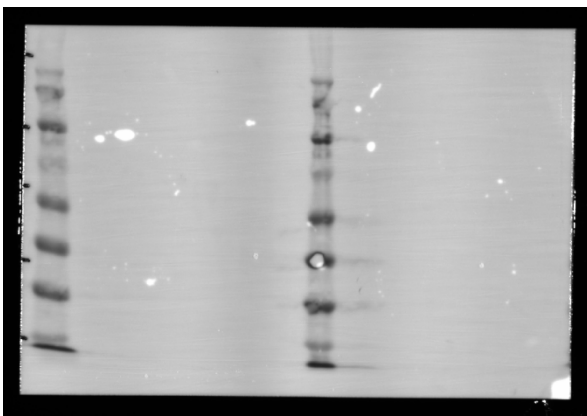
β -tubulin (55kDa)



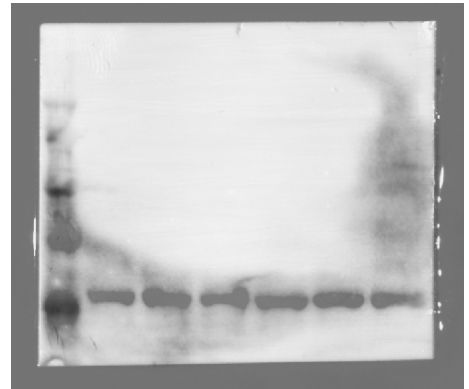
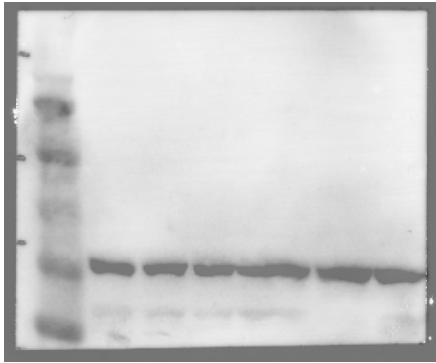
Assembled SIK1 (100kDa) and β -tubulin (55 kDa) Western blot images.



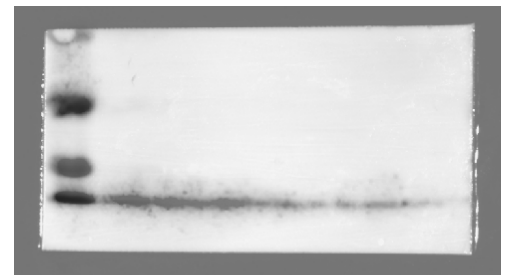
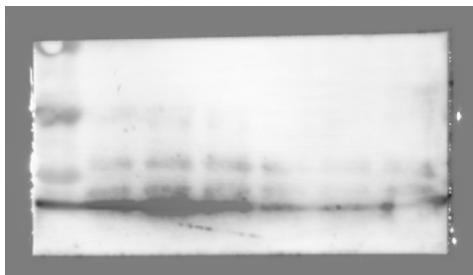
**the full, uncut original gel images
IER3(19kDa) and β -tubulin (55kDa)**



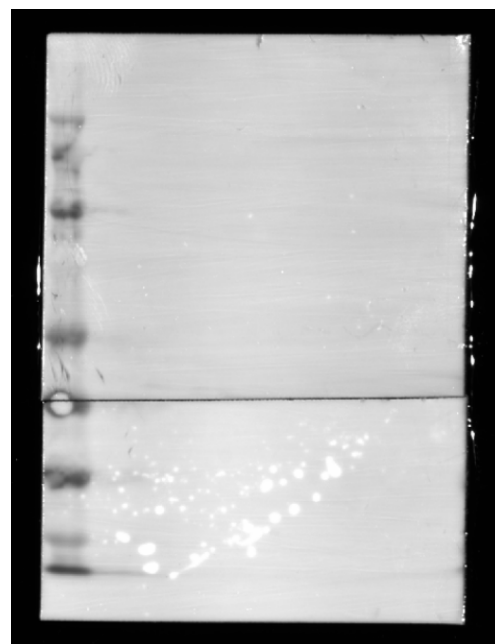
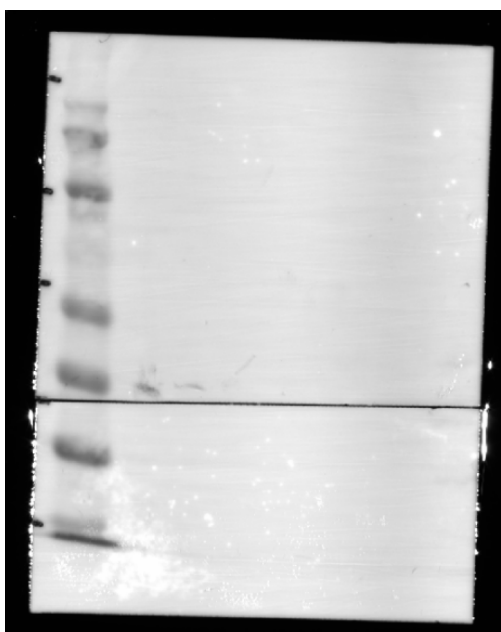
β -tubulin (55kDa)



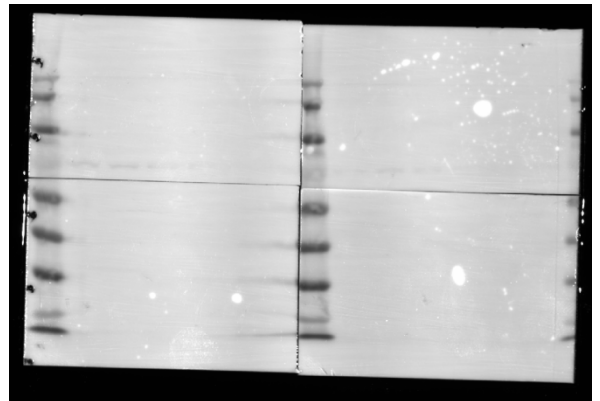
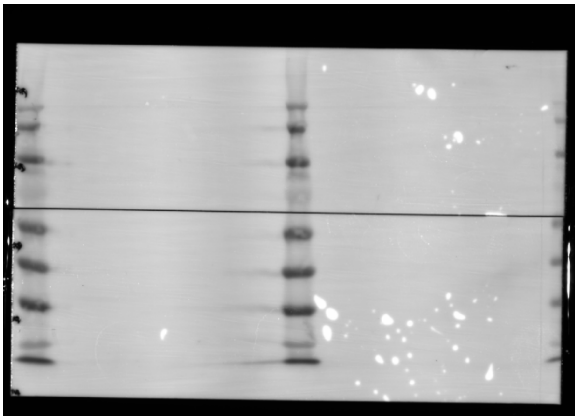
IER3(19kDa)



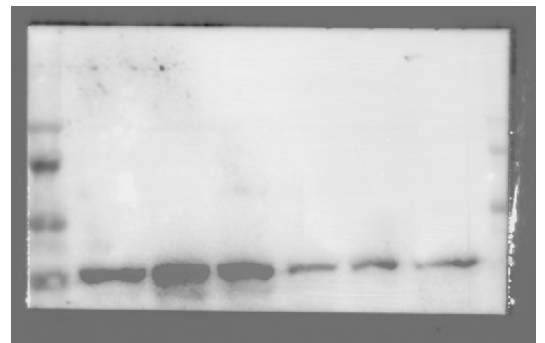
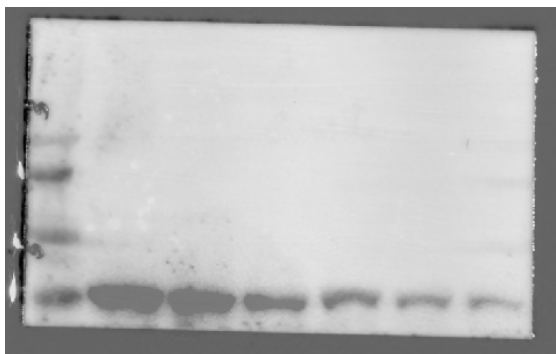
Assembled β -tubulin (55 kDa) and IER3(19kDa) Western blot images.



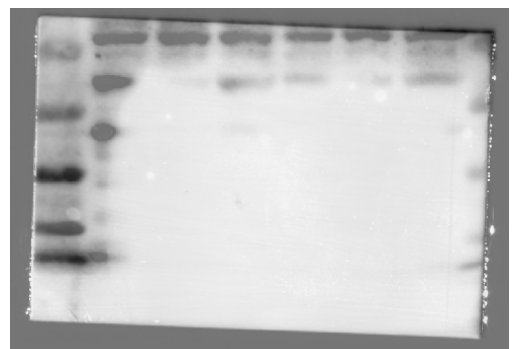
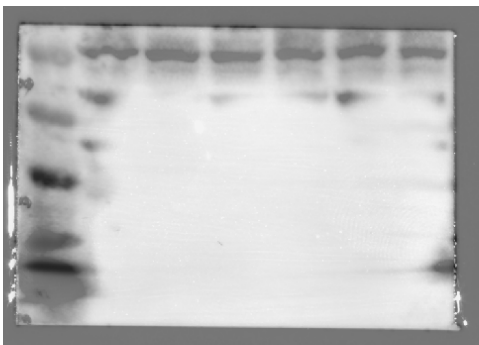
the full, uncut original gel images
BIRC3(68kDa) and β -tubulin (55kDa)



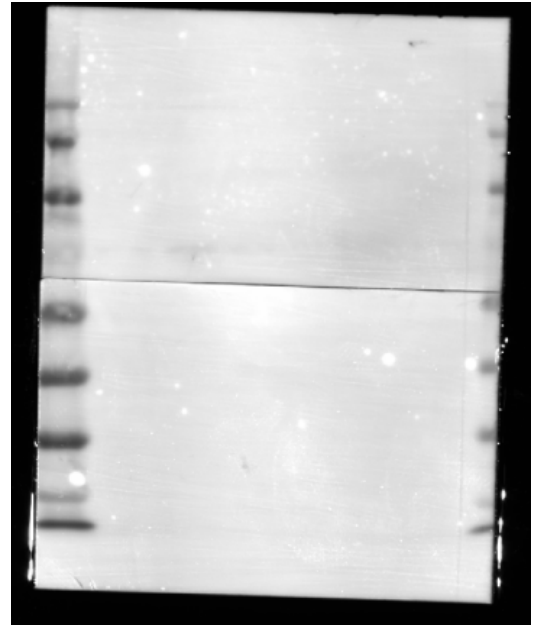
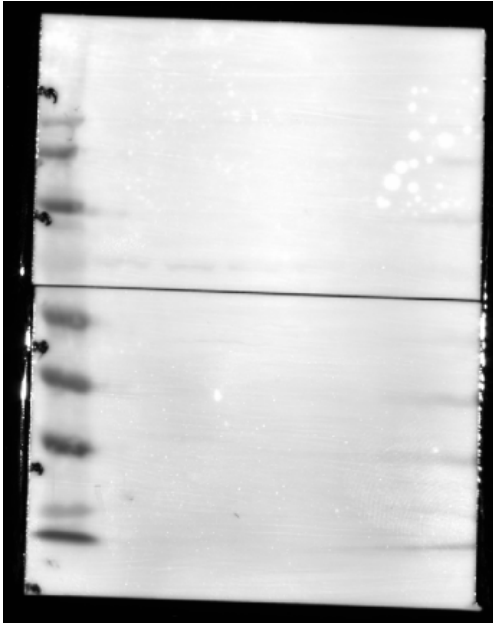
BIRC3(68kDa)



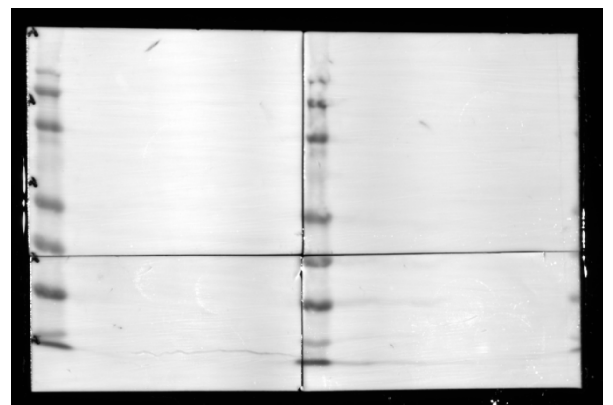
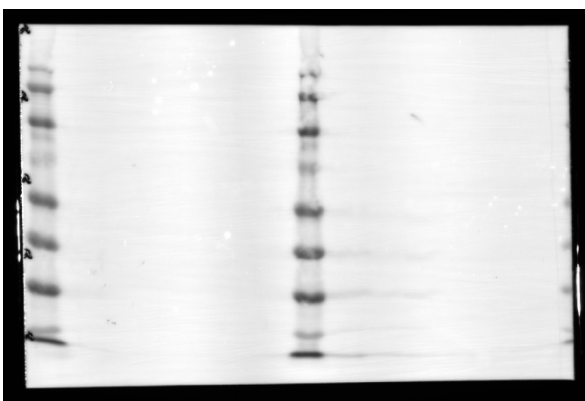
β -tubulin (55kDa)



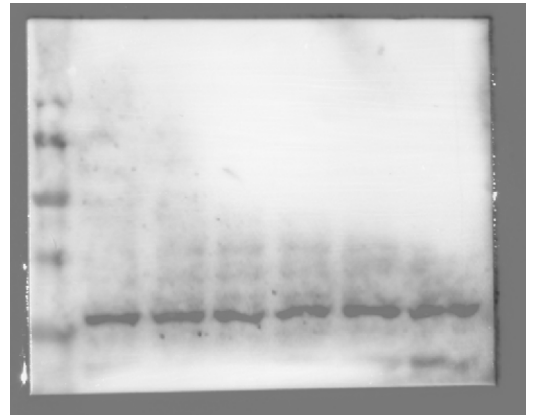
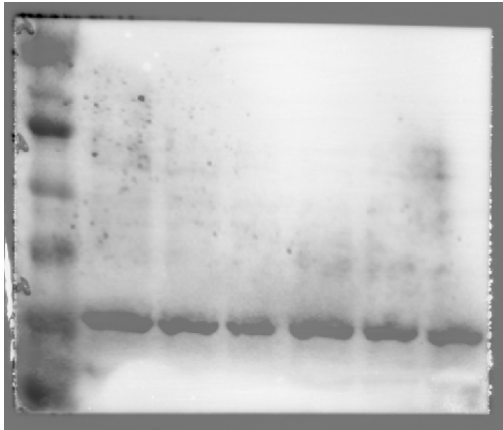
Assembled BIRC3(68kDa) and β -tubulin (55 kDa) Western blot images.



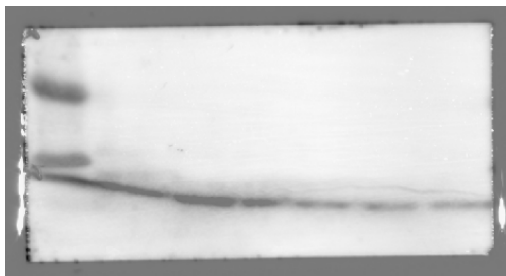
**the full, uncut original gel images
 β -tubulin (55kDa) and NUPR1(17kDa)**



β -tubulin (55kDa)



NUPR1(17kDa)



Assembled β -tubulin (55 kDa) and NUPR1(17kDa) Western blot images.

