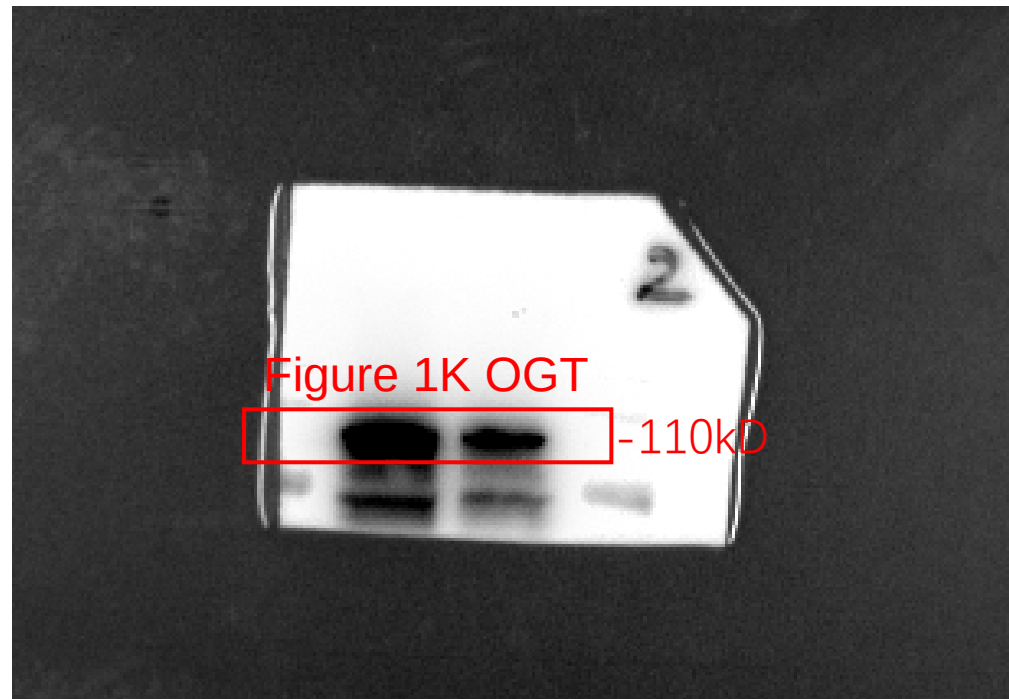
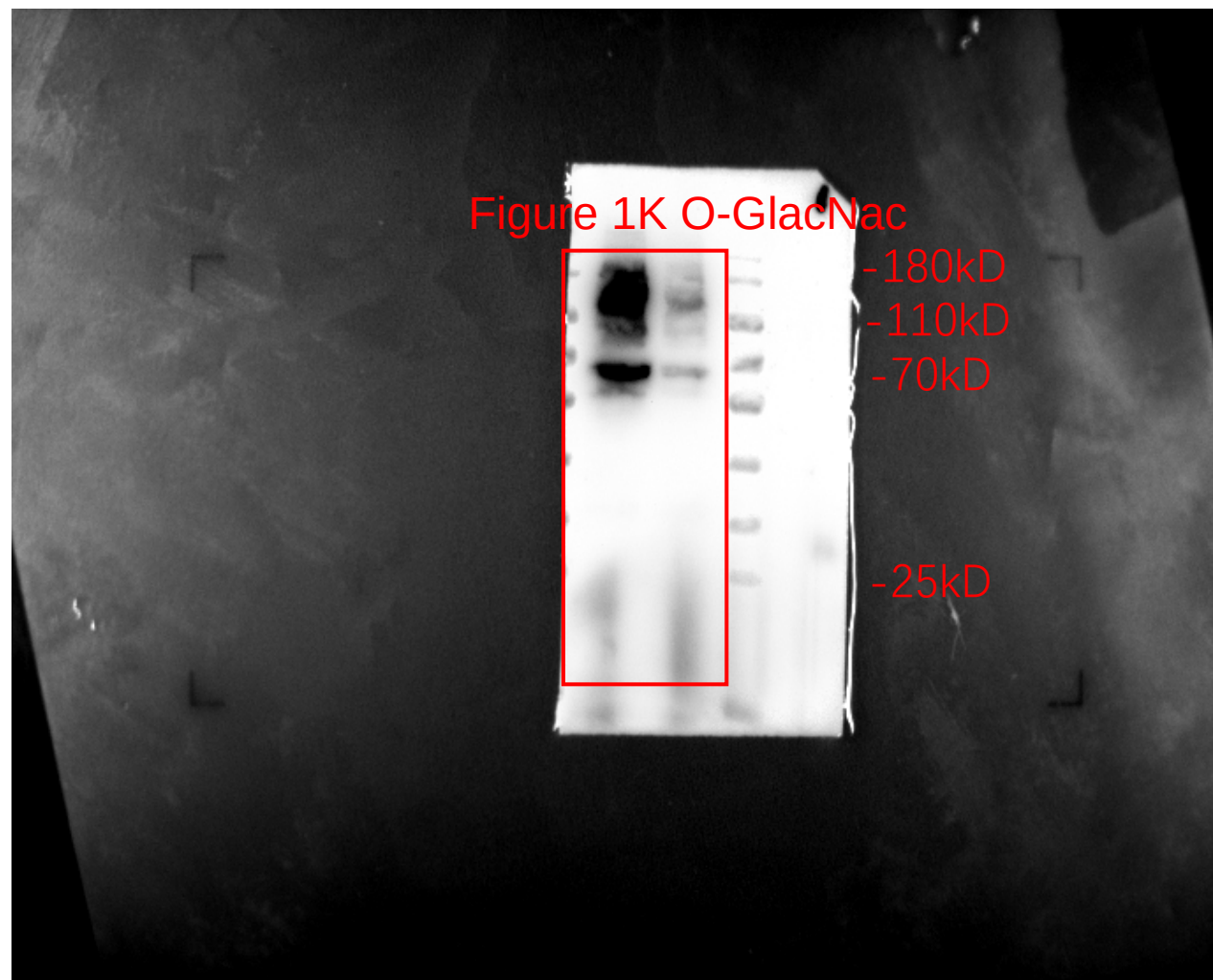


Original western blots

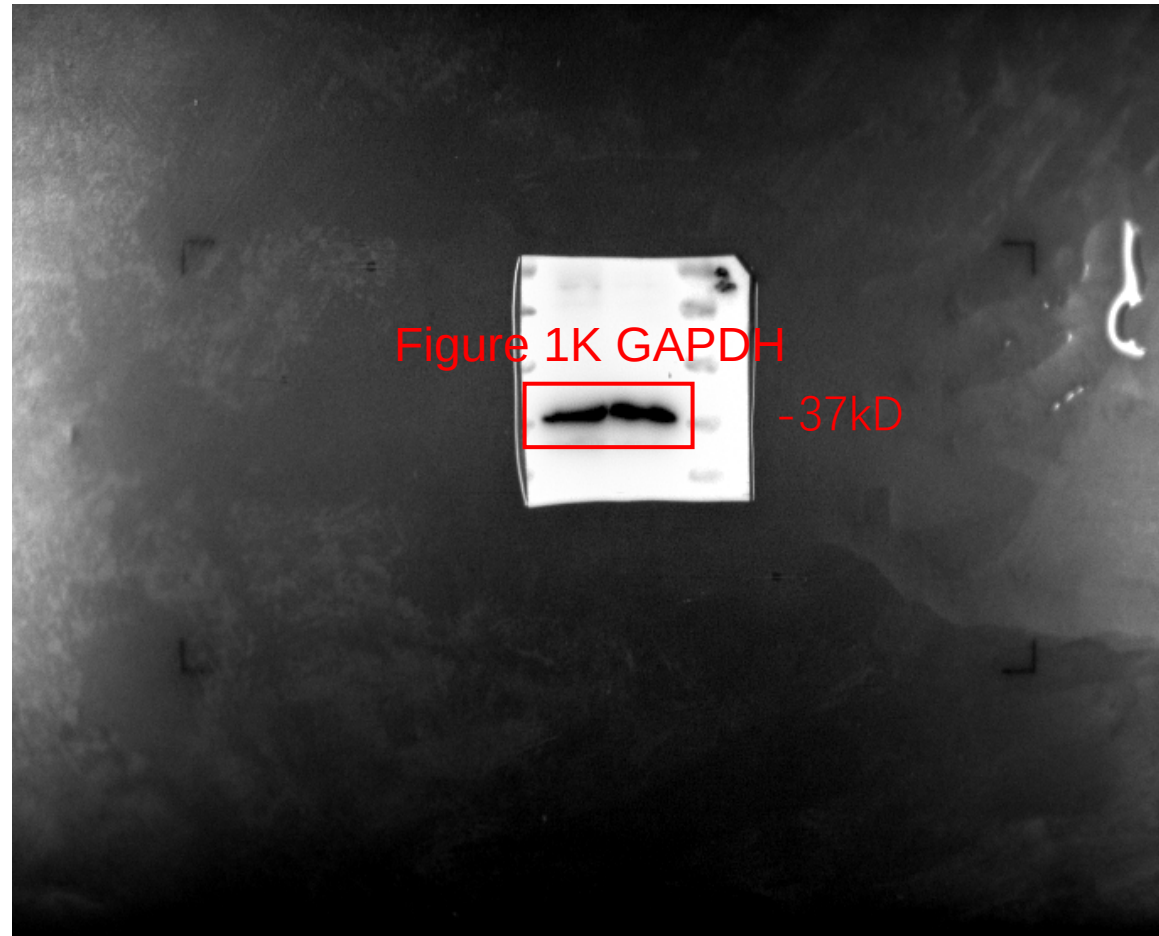
# Figure 1K OGT



# Figure 1K O-GlacNac

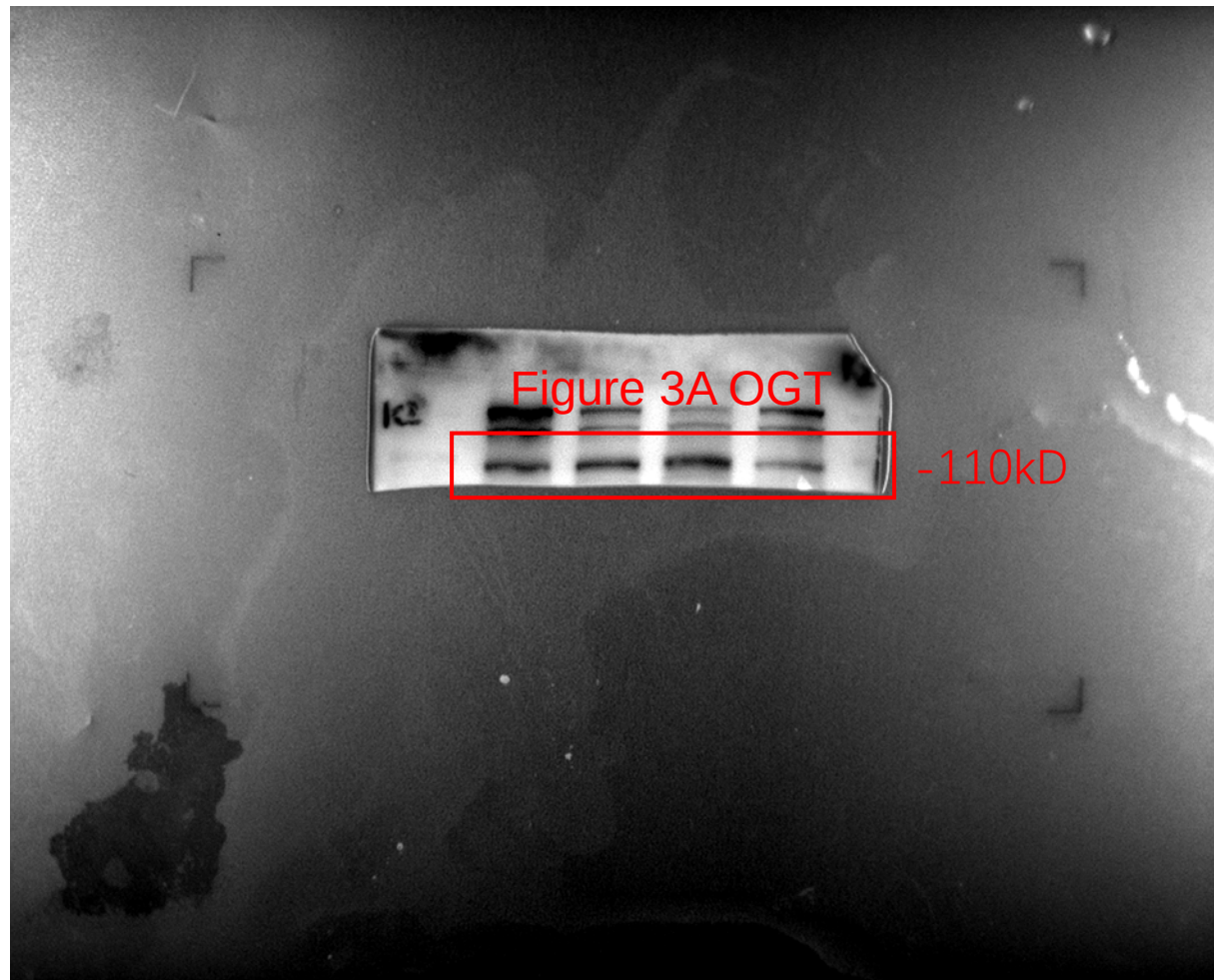


# Figure 1K GAPDH

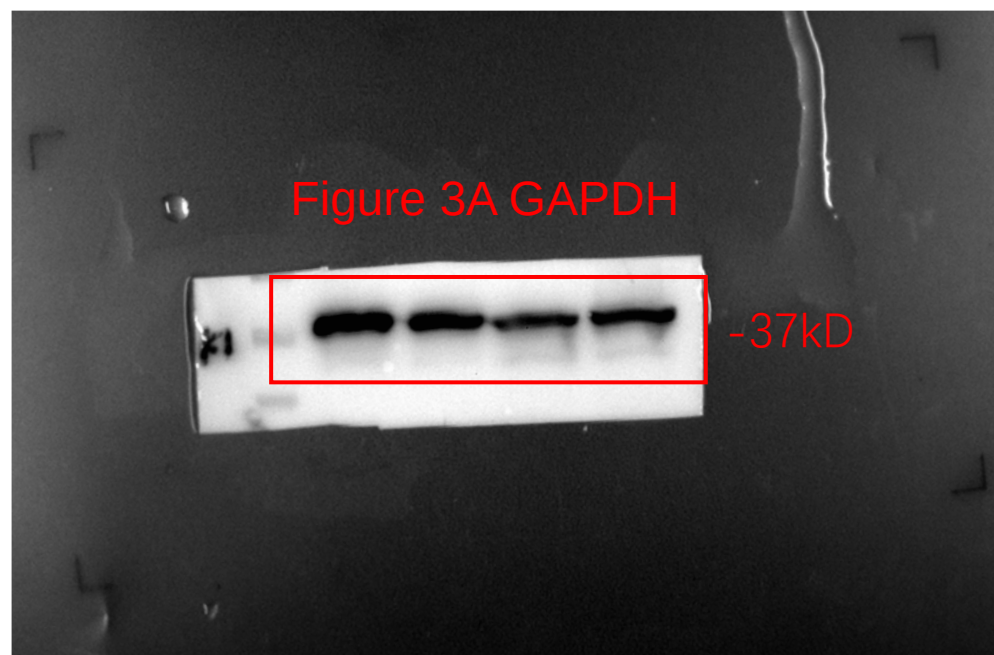




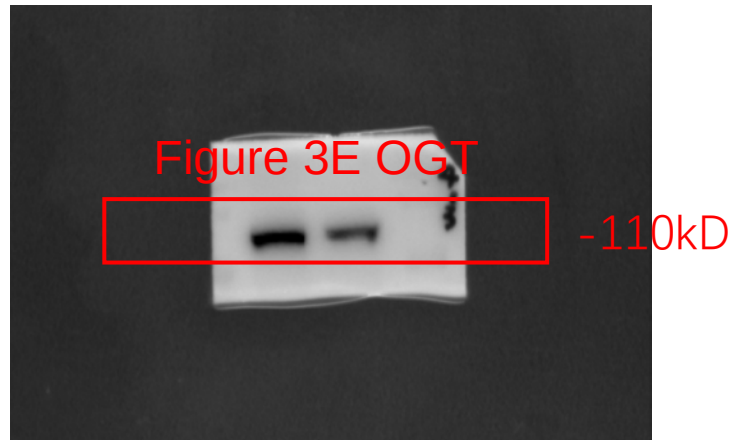
# Figure 3A OGT



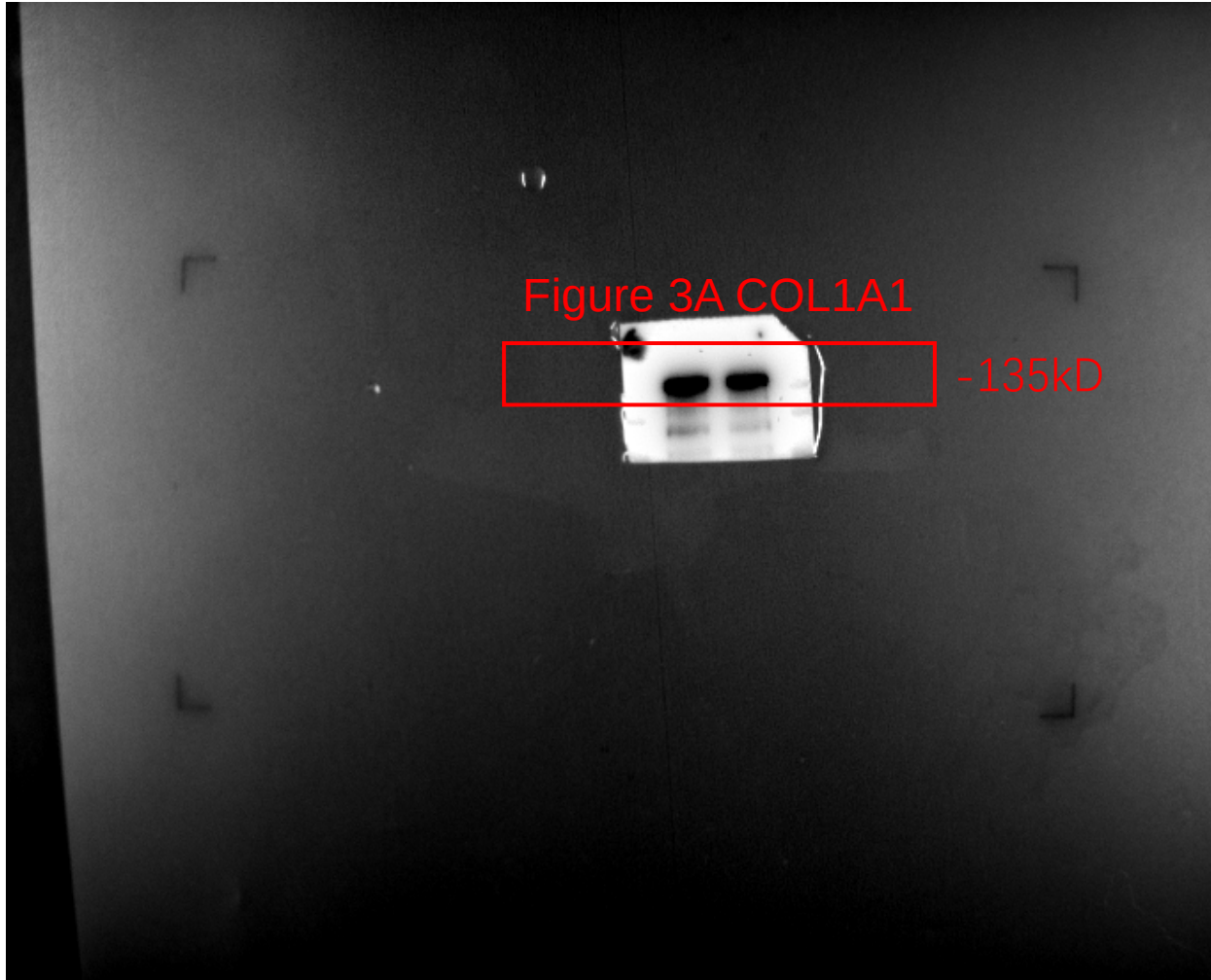
# Figure 3A GAPDH



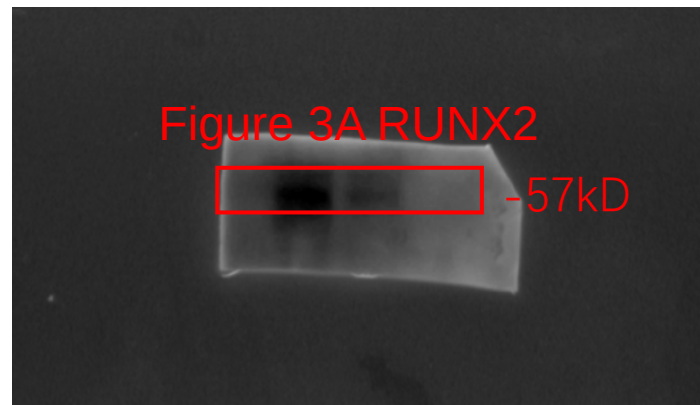
# Figure 3E OGT



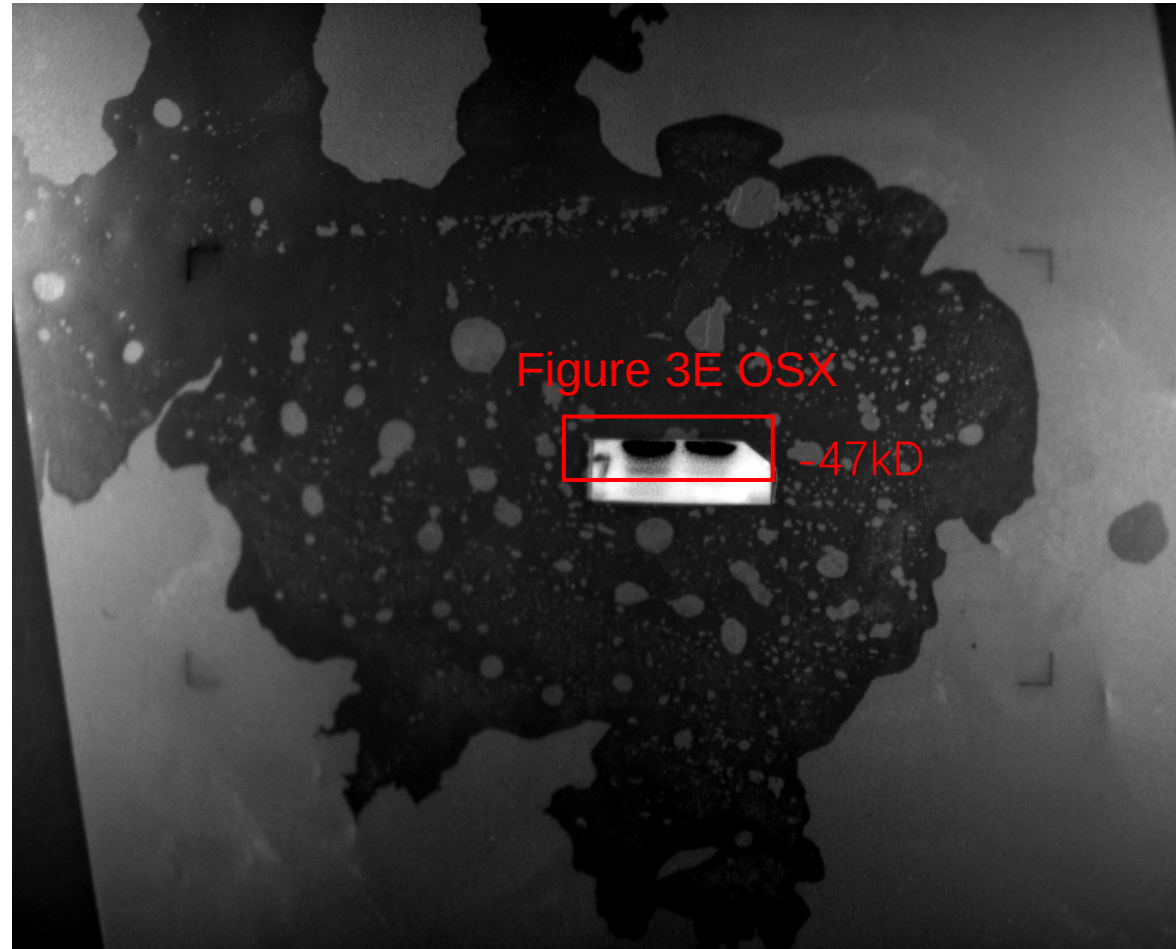
# Figure 3E COL1A1



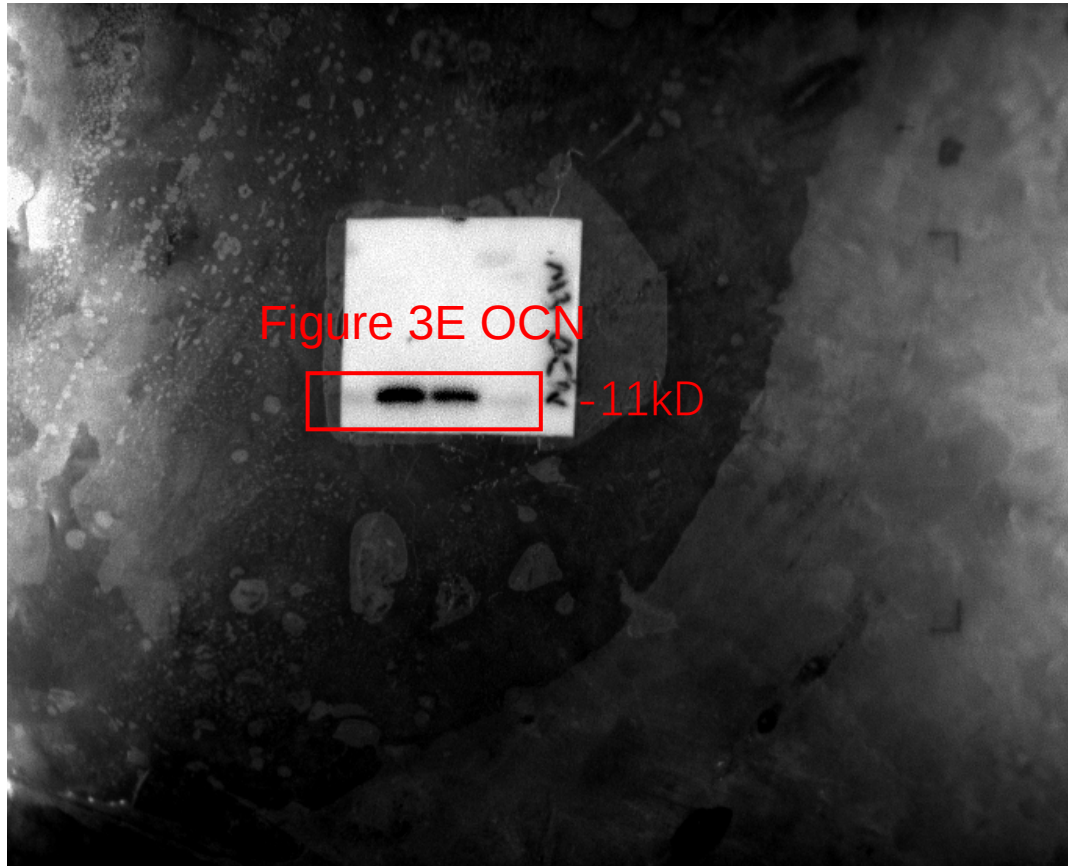
# Figure 3E RUNX2



# Figure 3E OSX

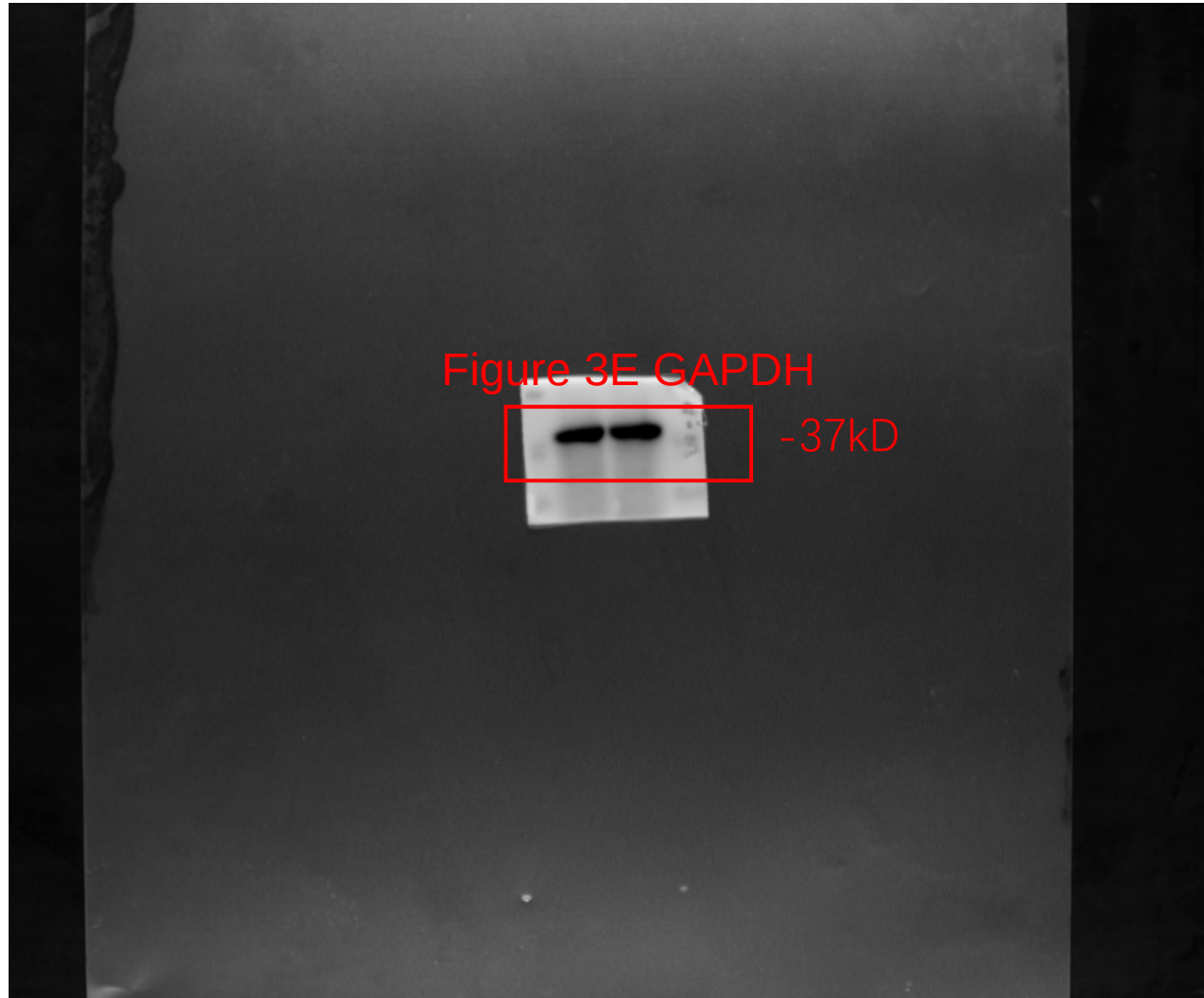


# Figure 3E OCN



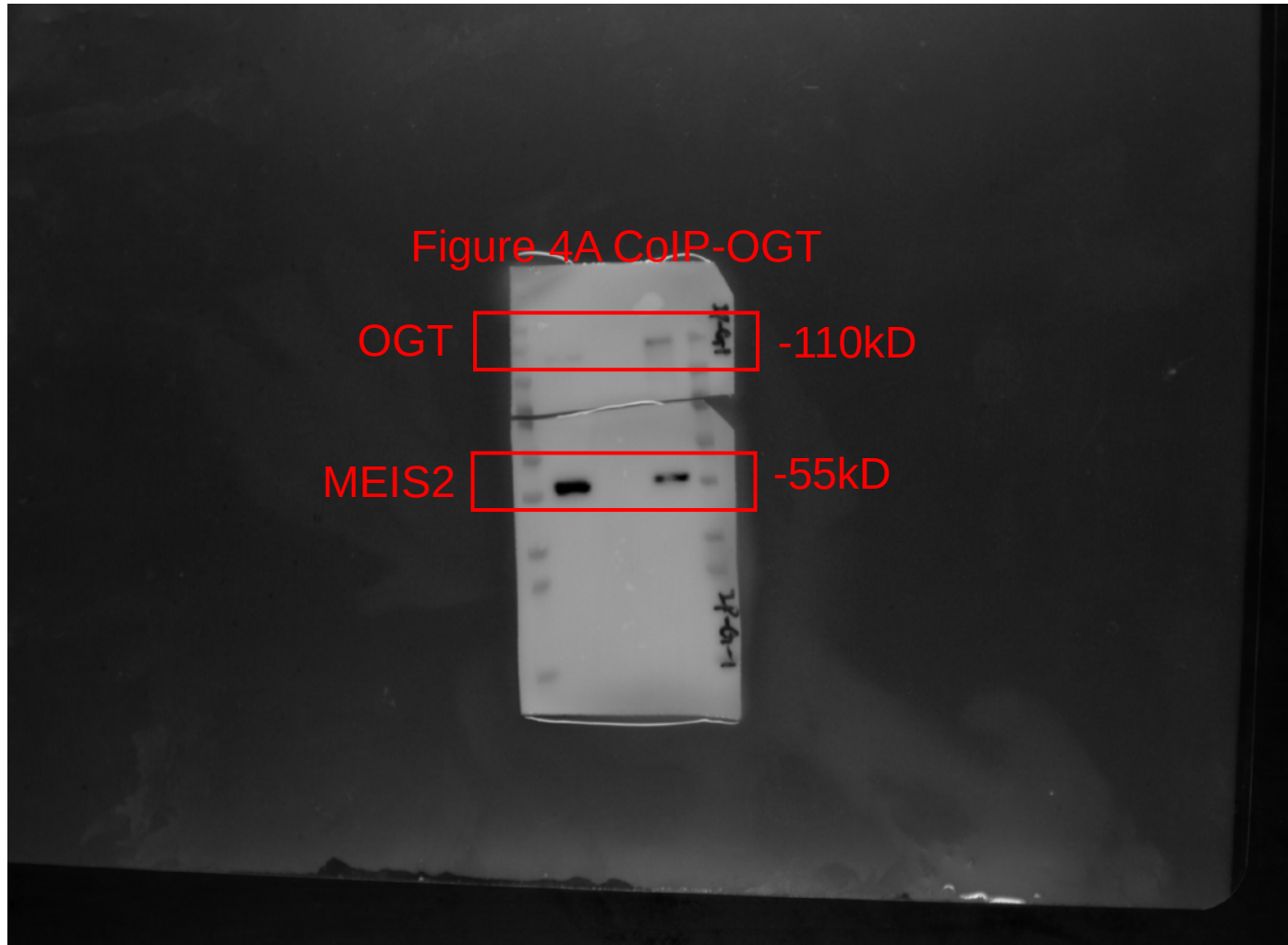


# Figure 3E GAPDH

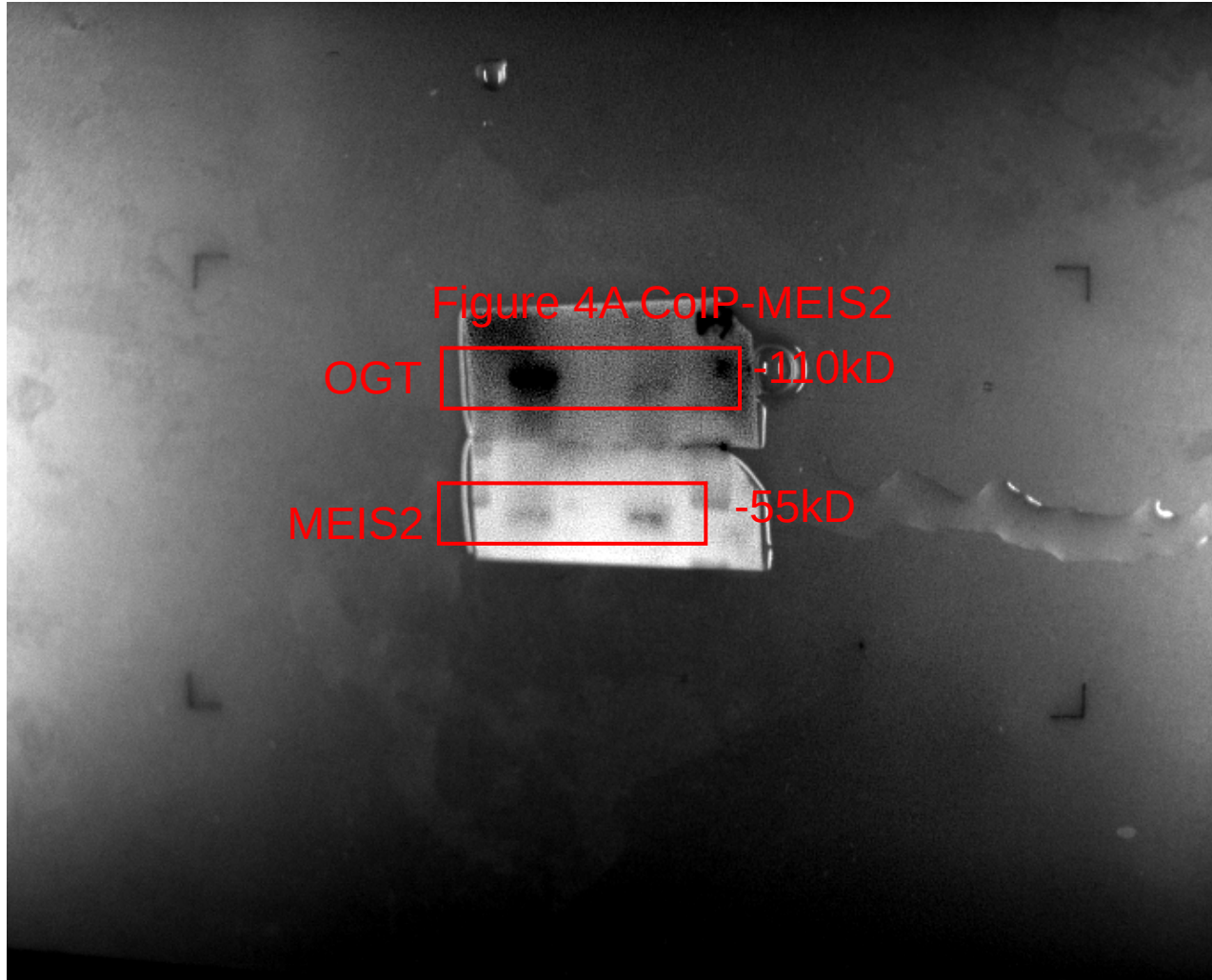




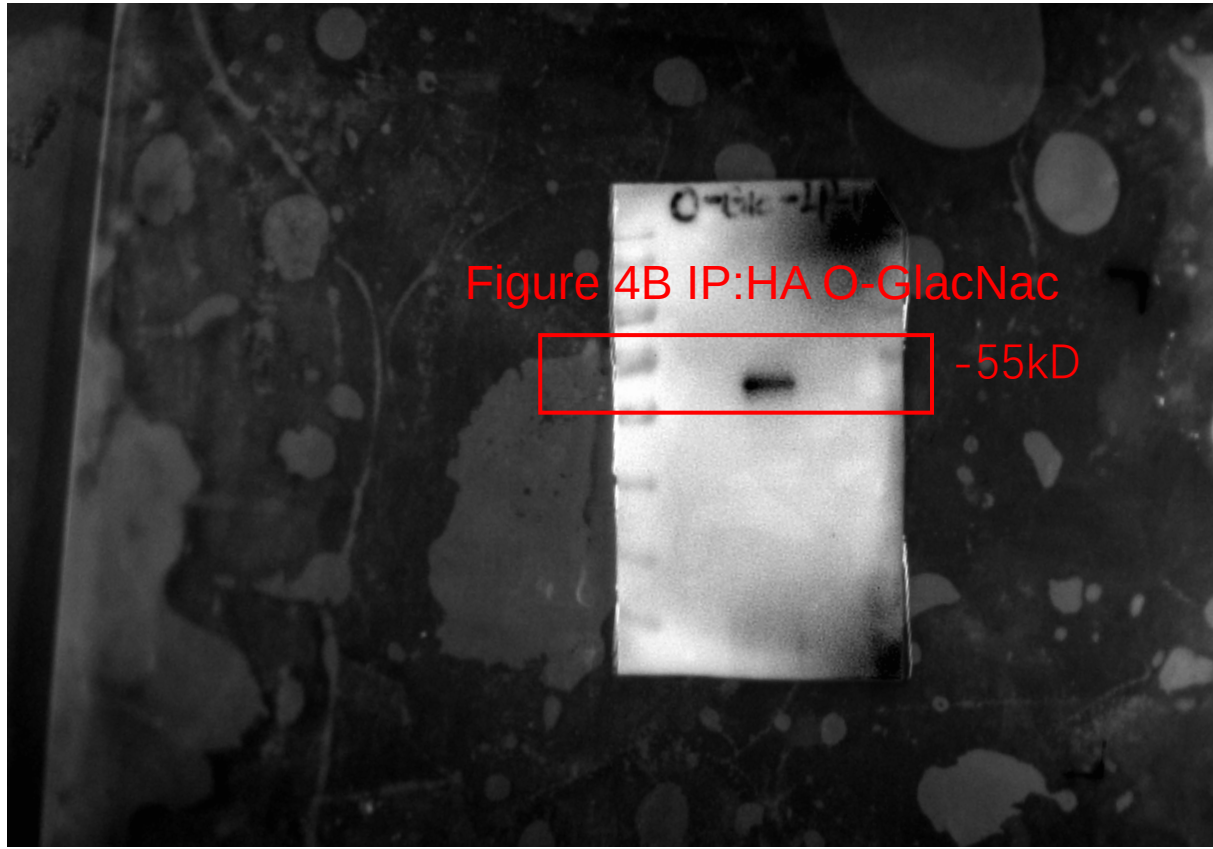
# Figure 4A CoIP-OGT



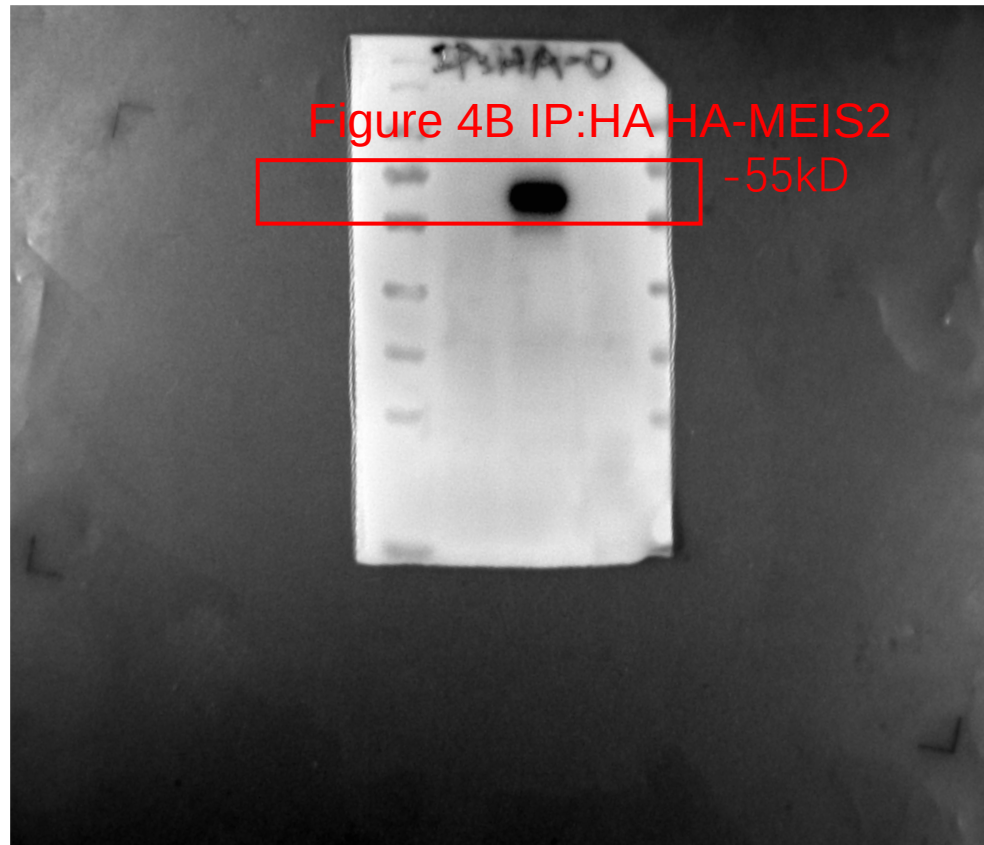
# Figure 4A CoIP-MEIS2



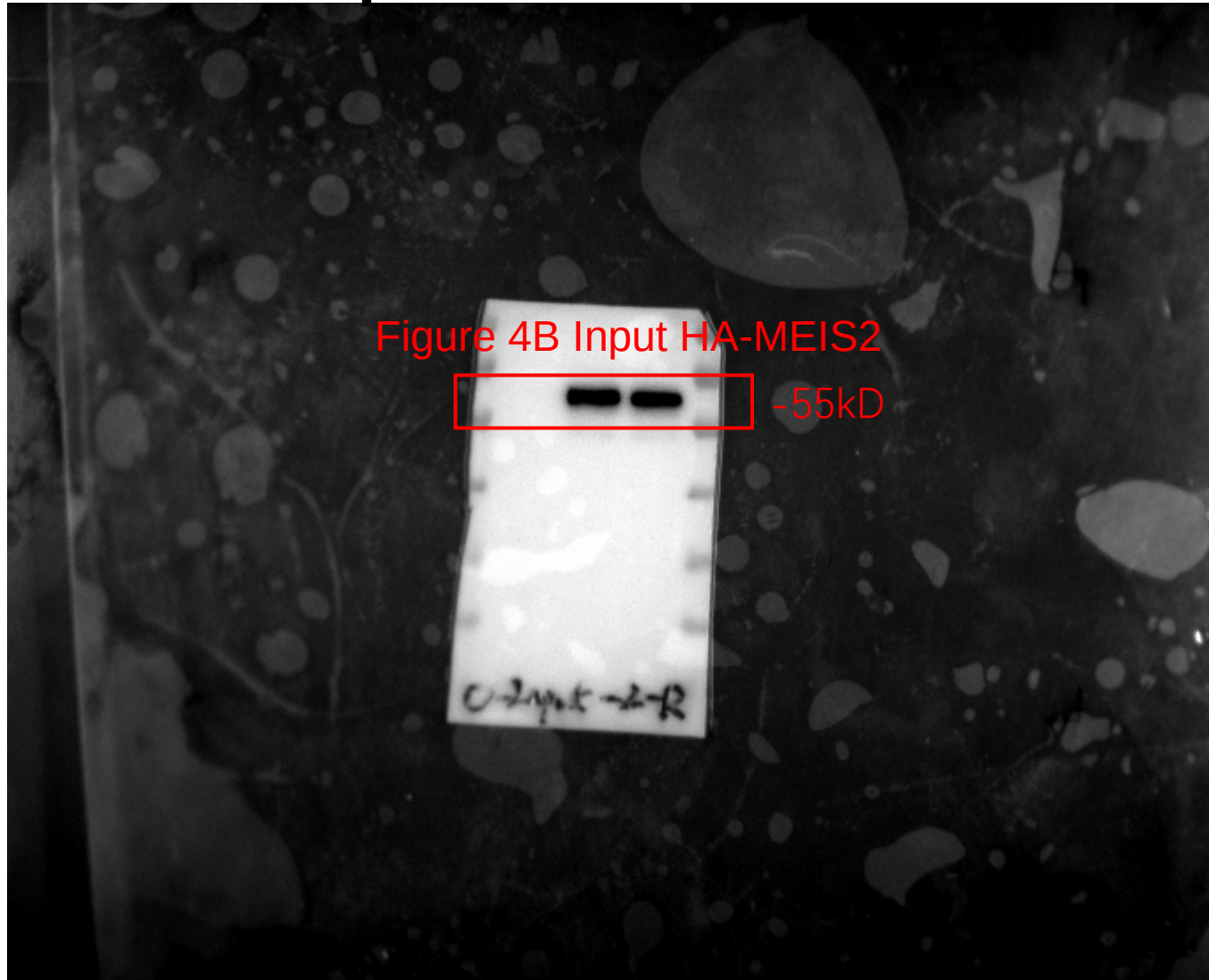
# Figure 4B IP:HA O-GlacNac



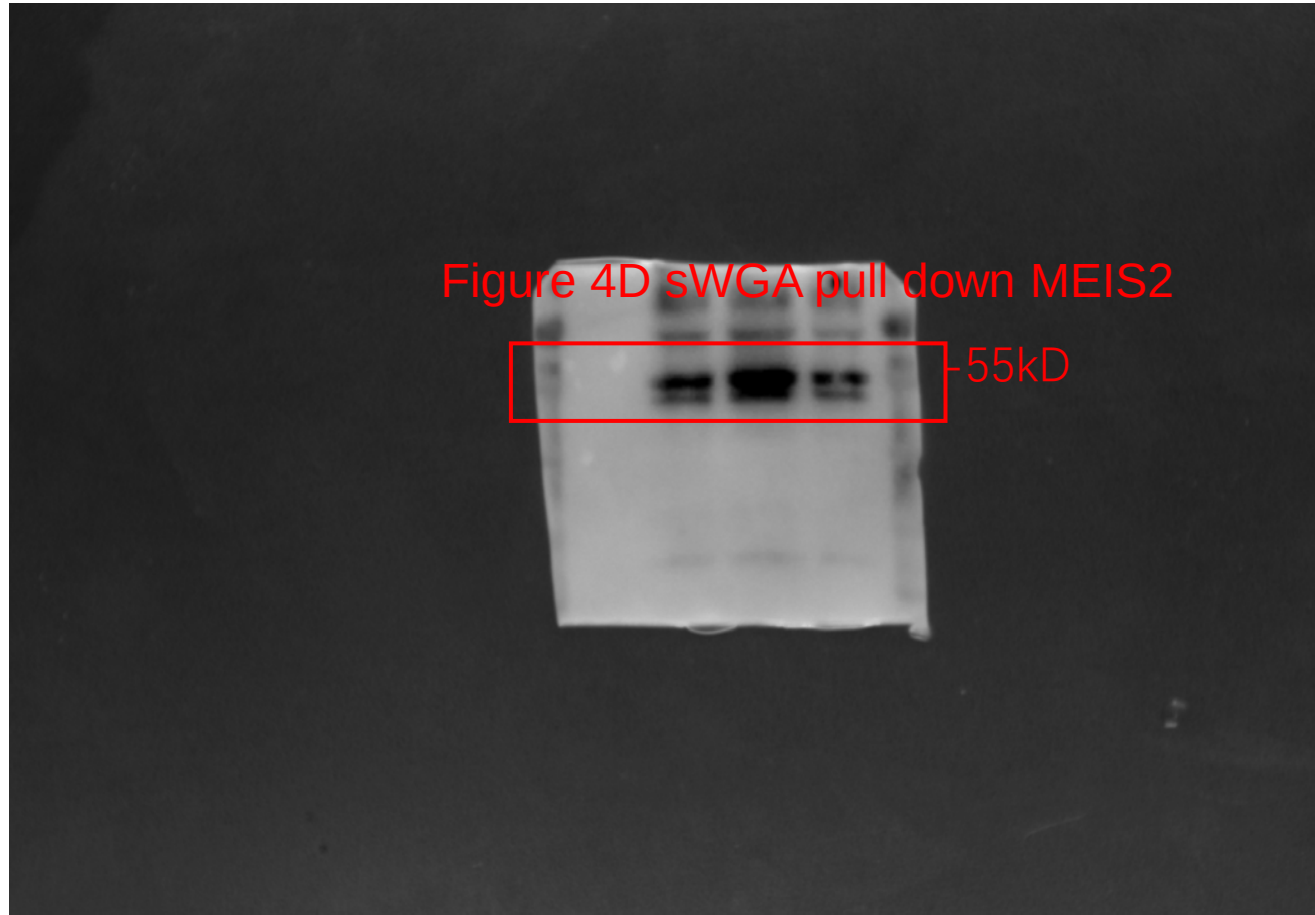
# Figure 4B IP:HA HA-MEIS2



# Figure 4B Input HA-MEIS2

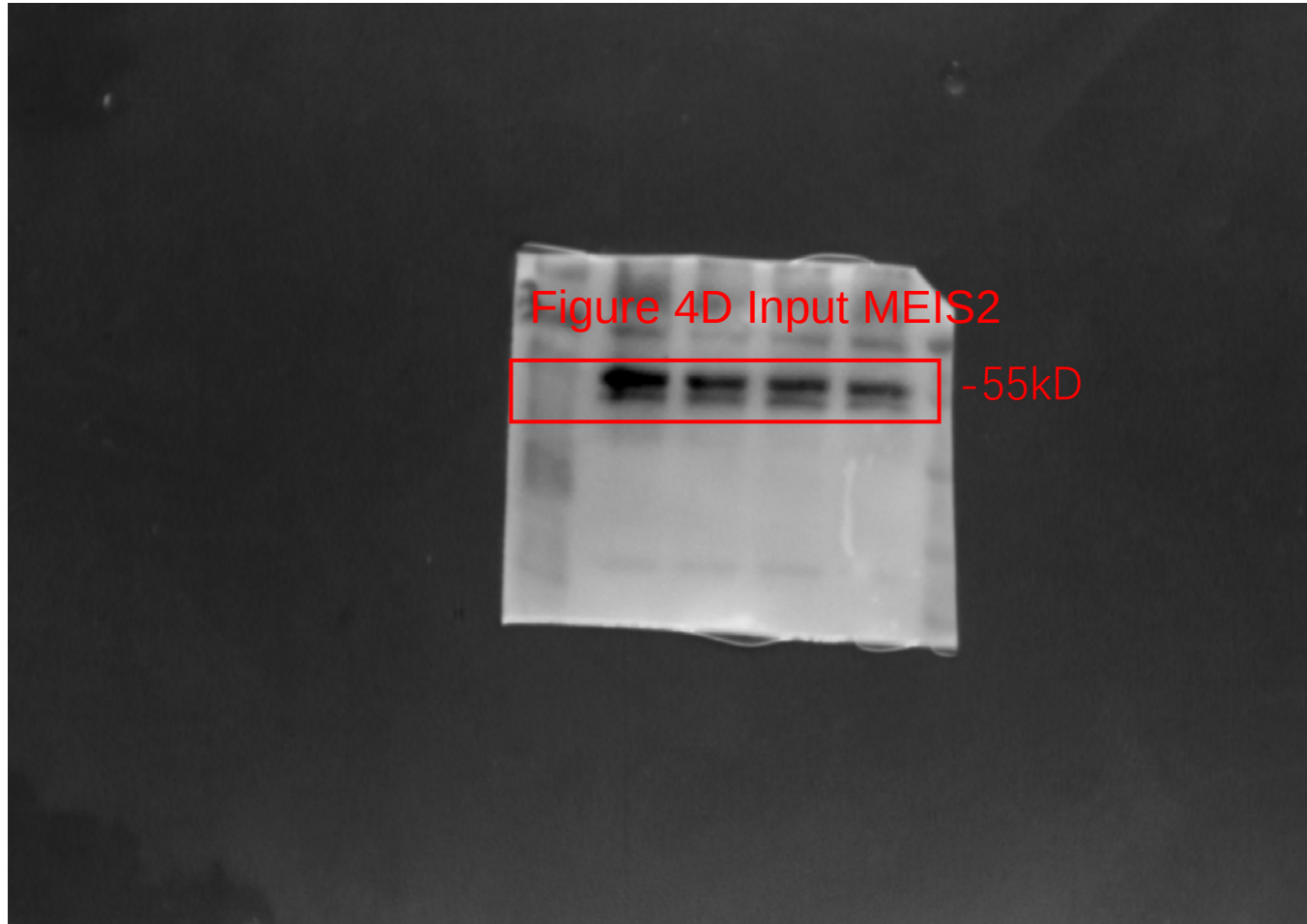


# Figure 4D sWGA pull down MEIS2

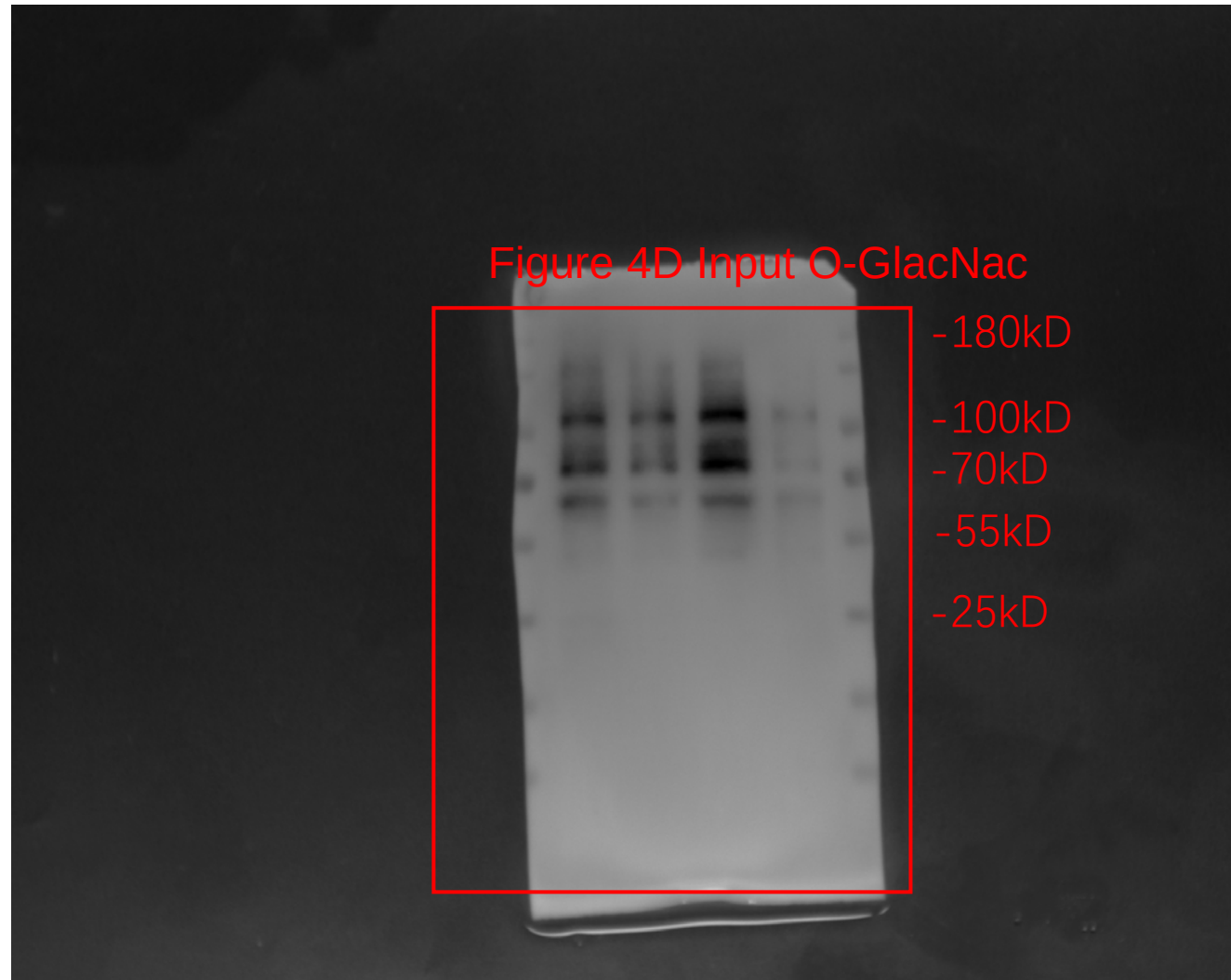




# Figure 4D Input MEIS2

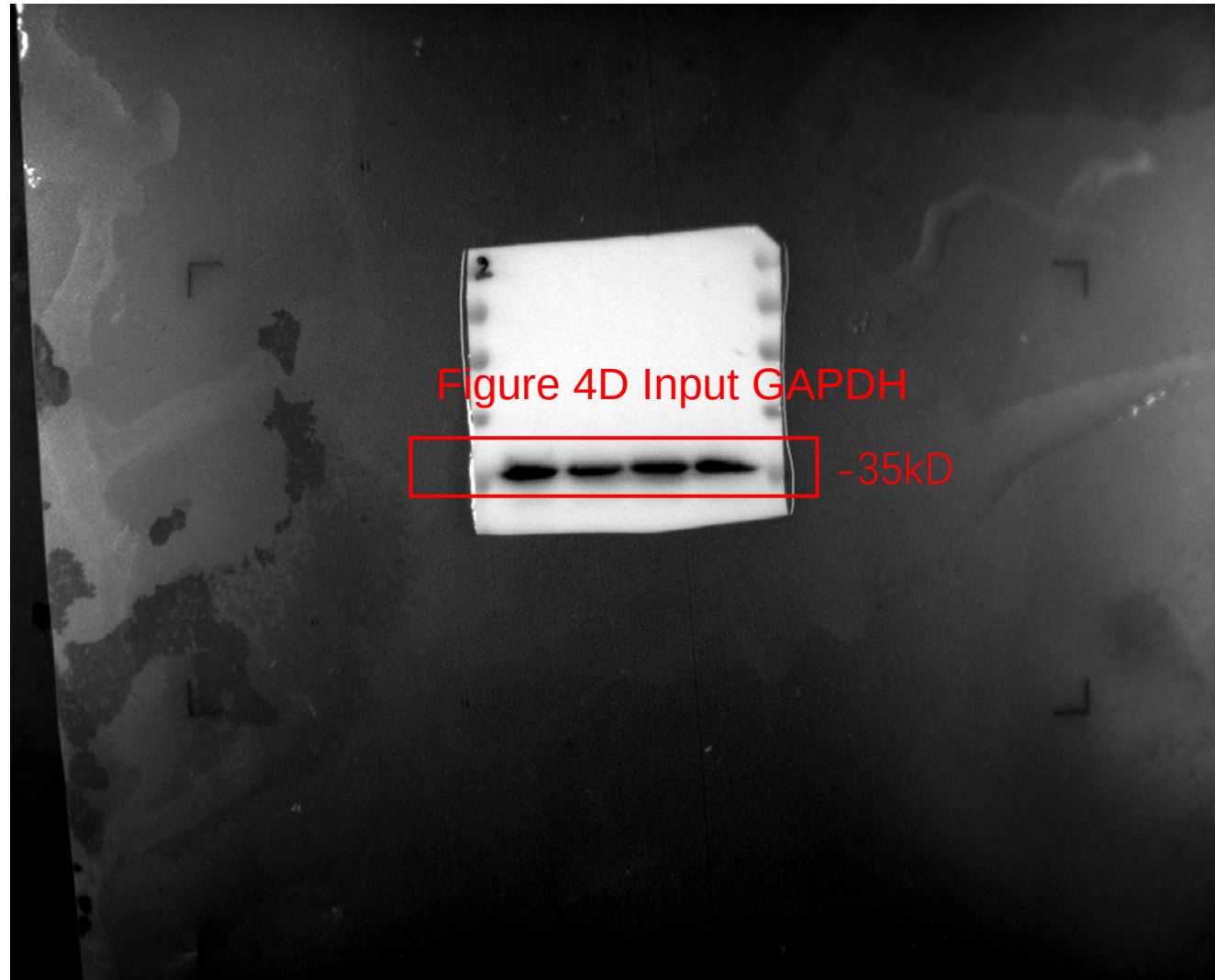


# Figure 4D Input O-GlacNac

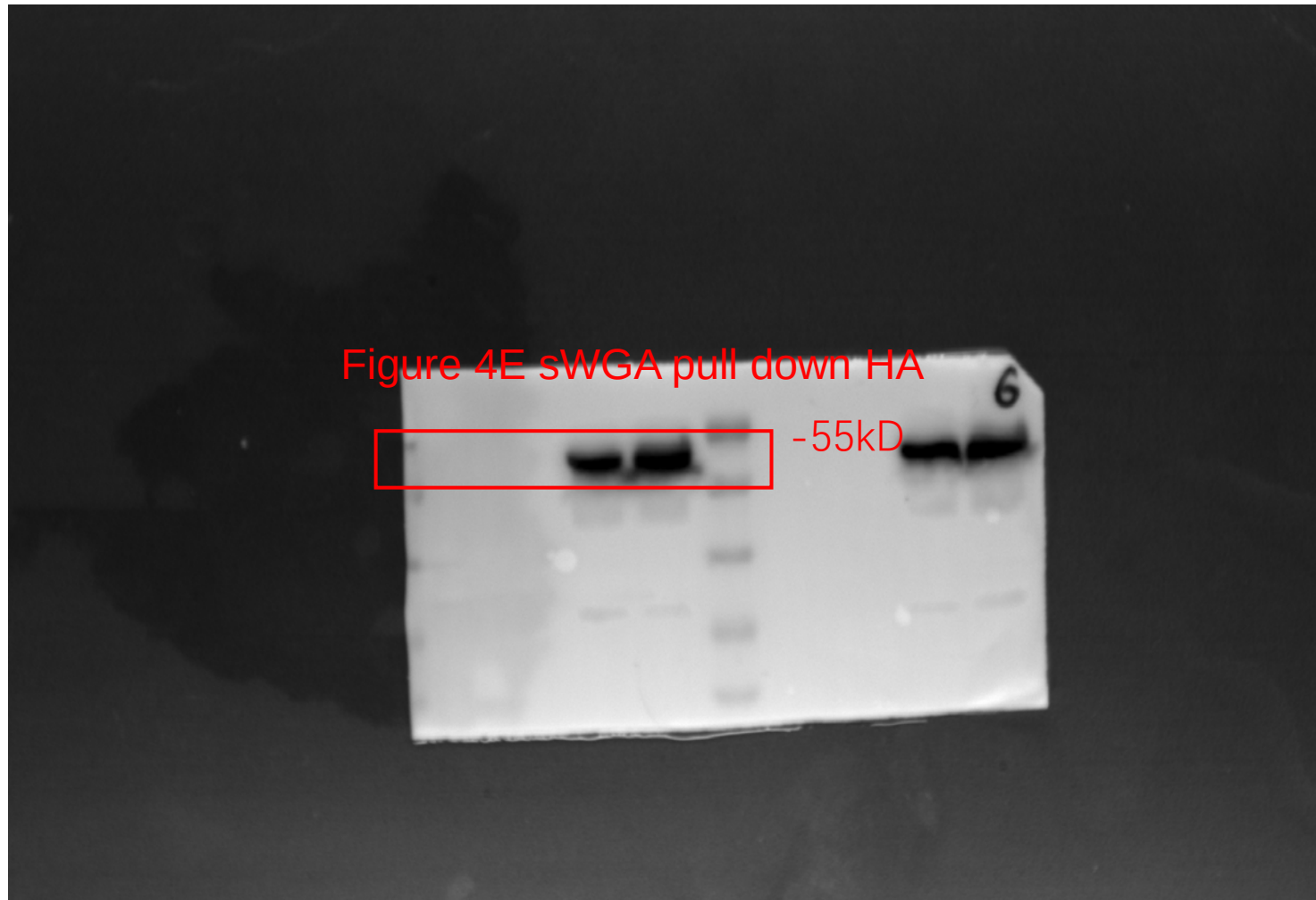




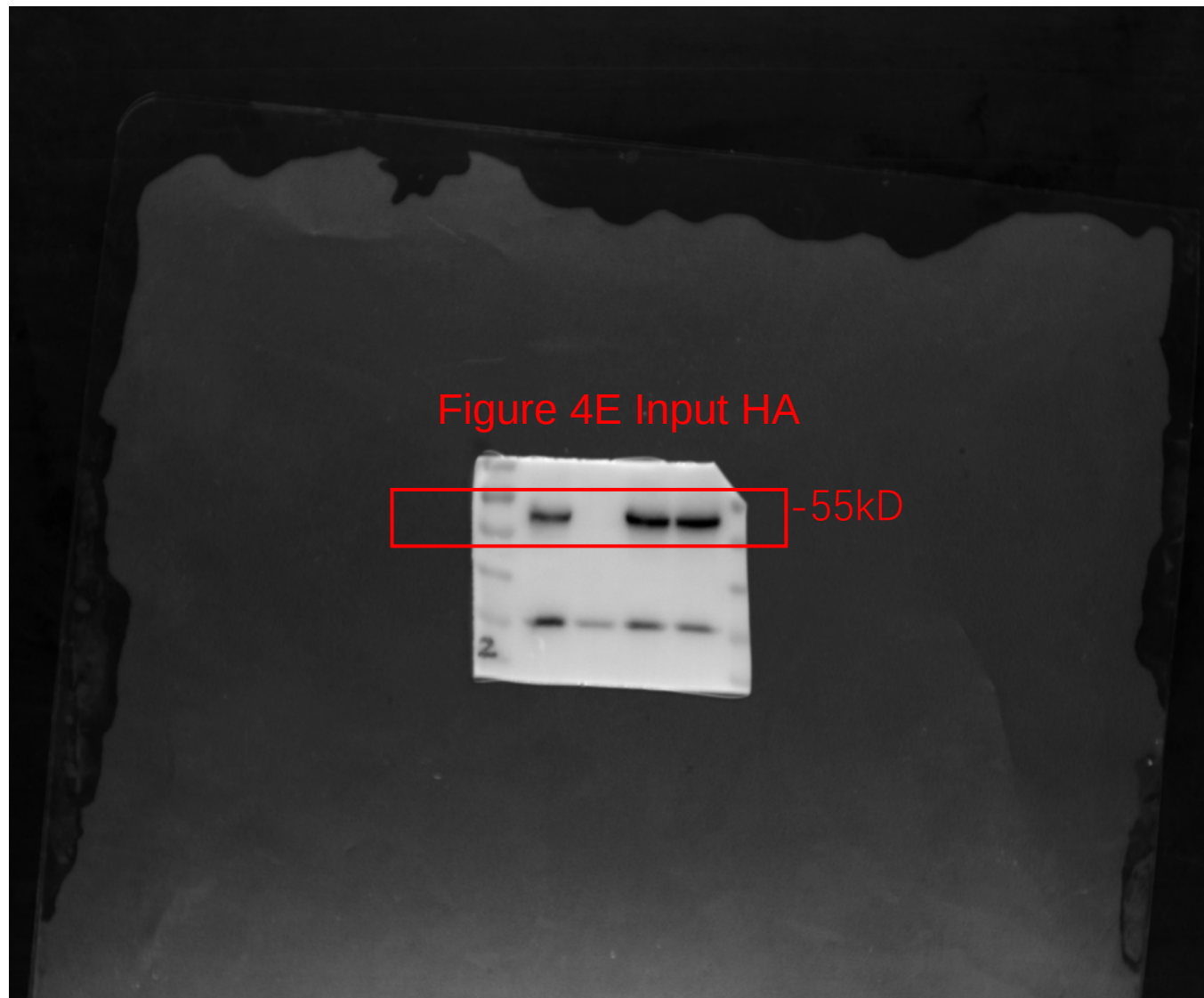
# Figure 4D Input GAPDH



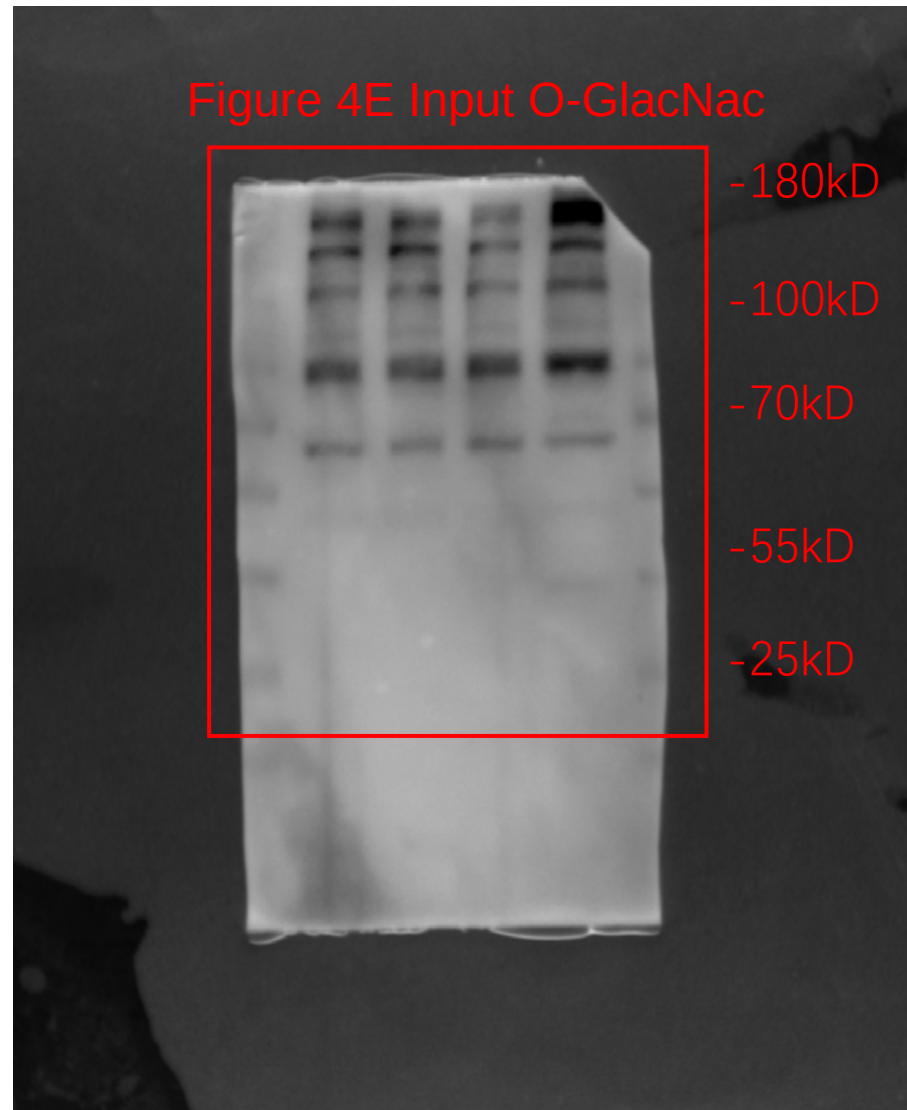
# Figure 4E sWGA pull down HA



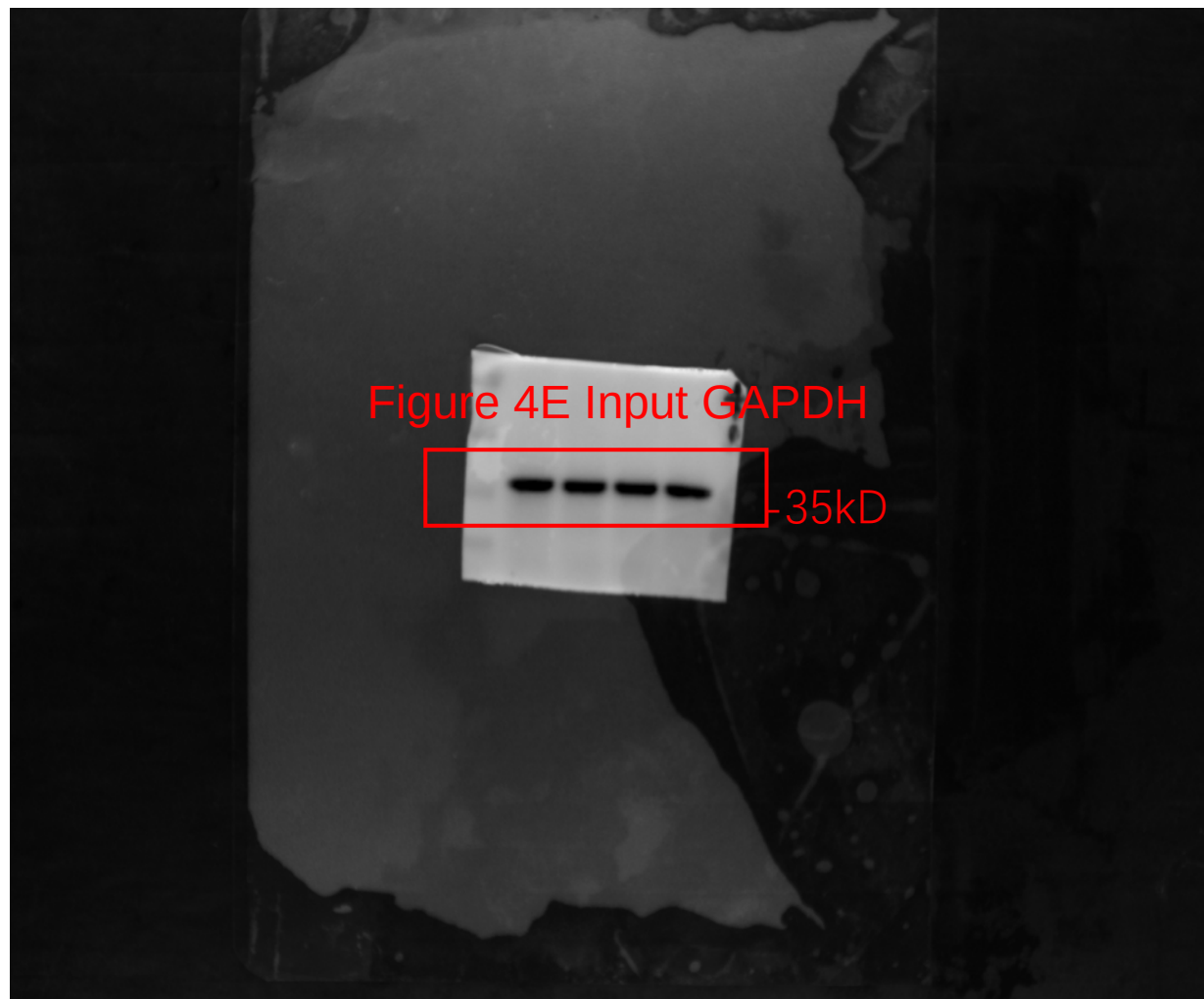
# Figure 4E Input HA



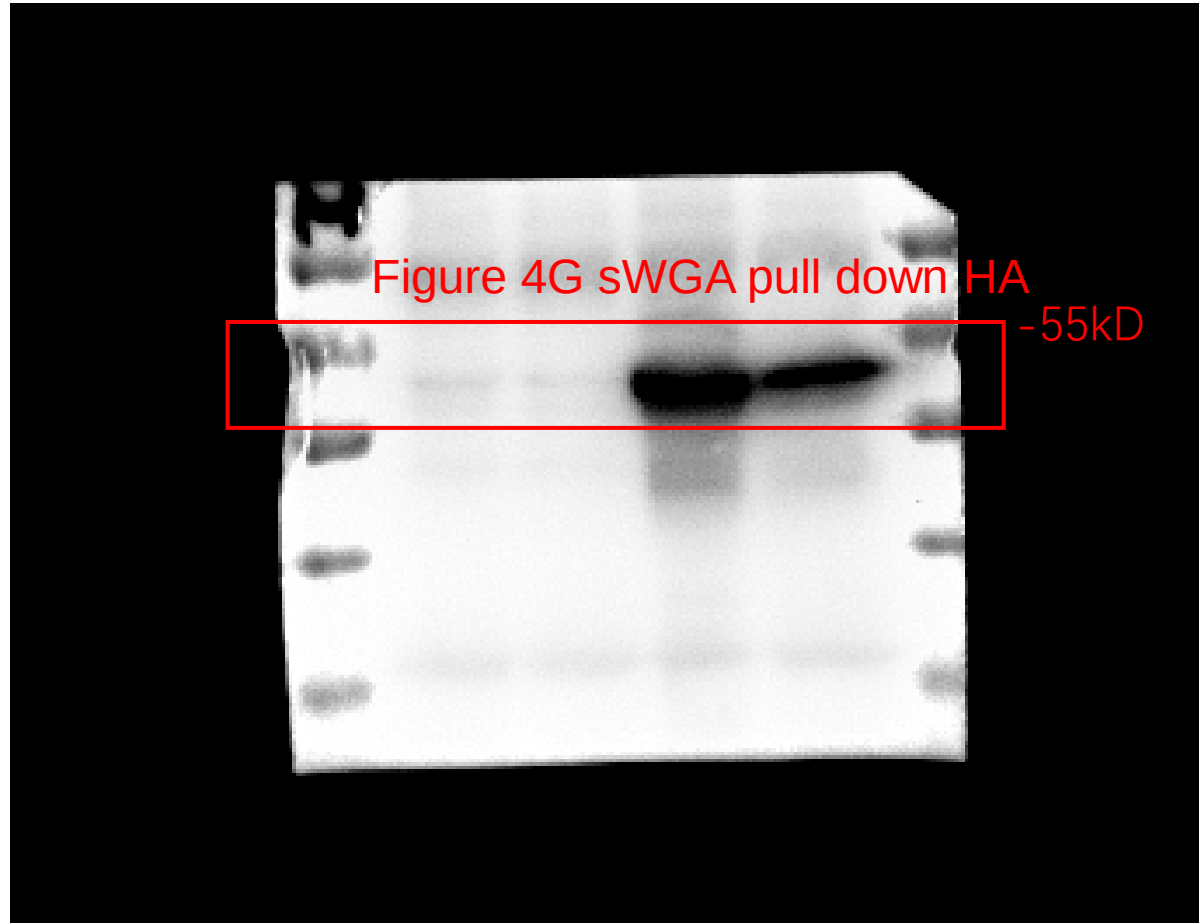
# Figure 4E Input O-GlacNac



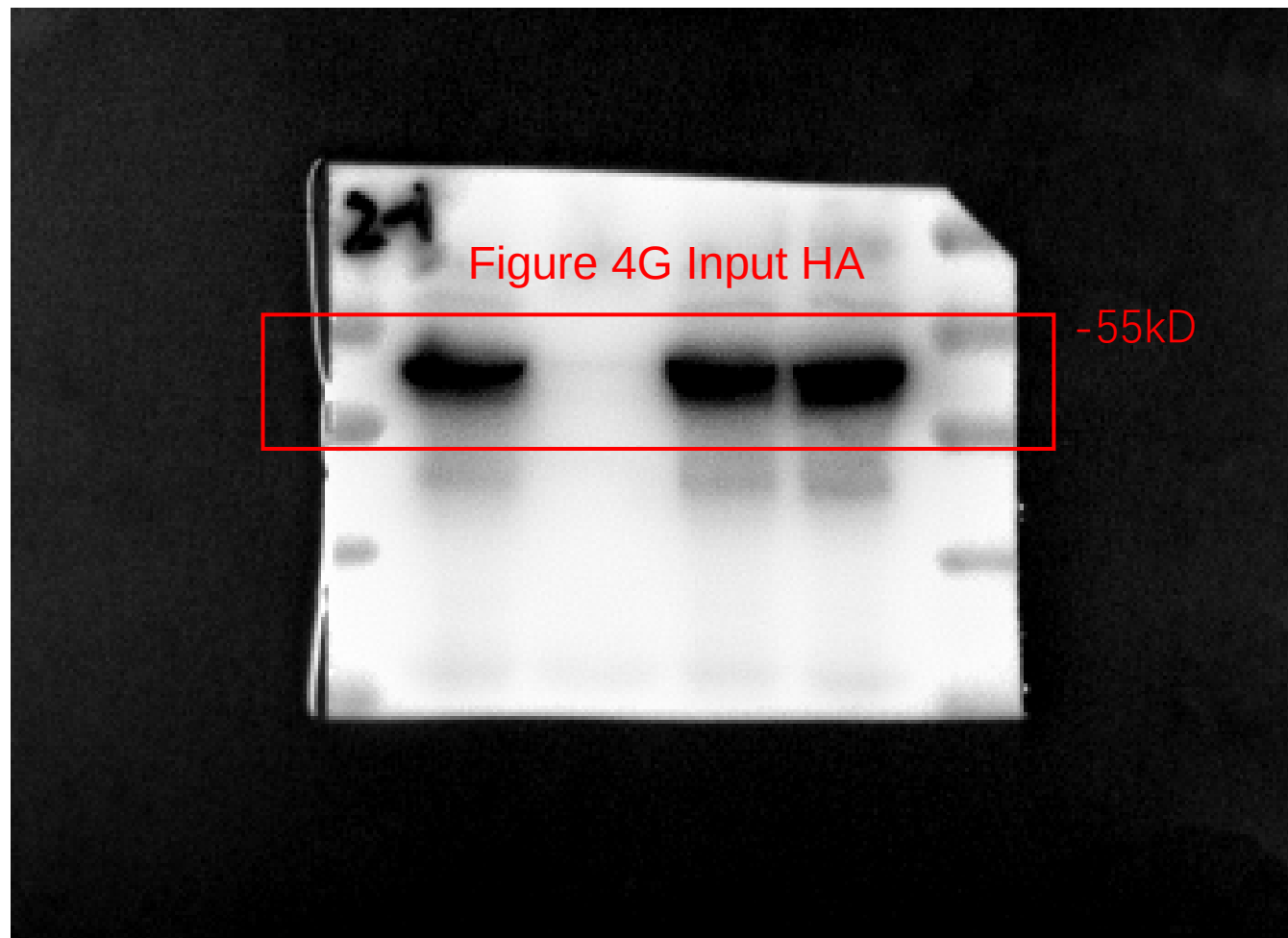
# Figure 4E Input GAPDH



# Figure 4G sWGA pull down HA

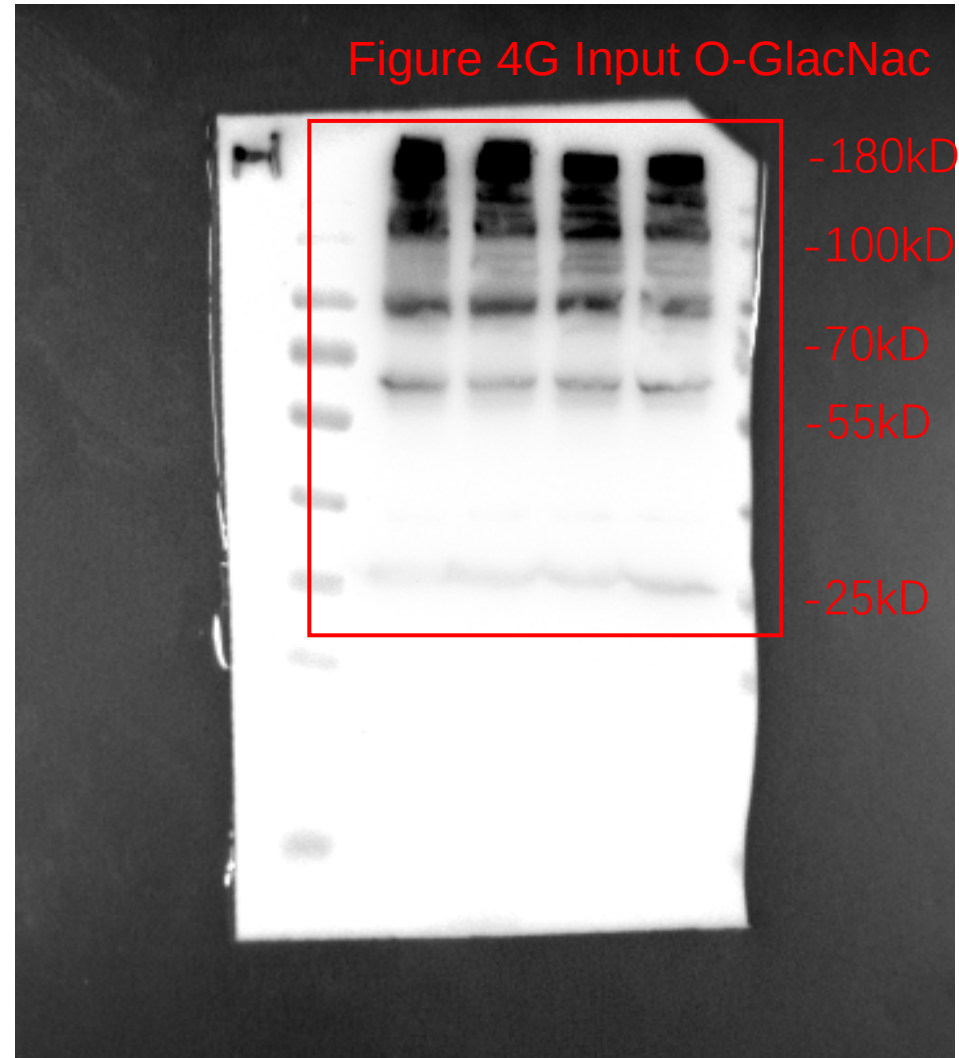


# Figure 4G Input HA

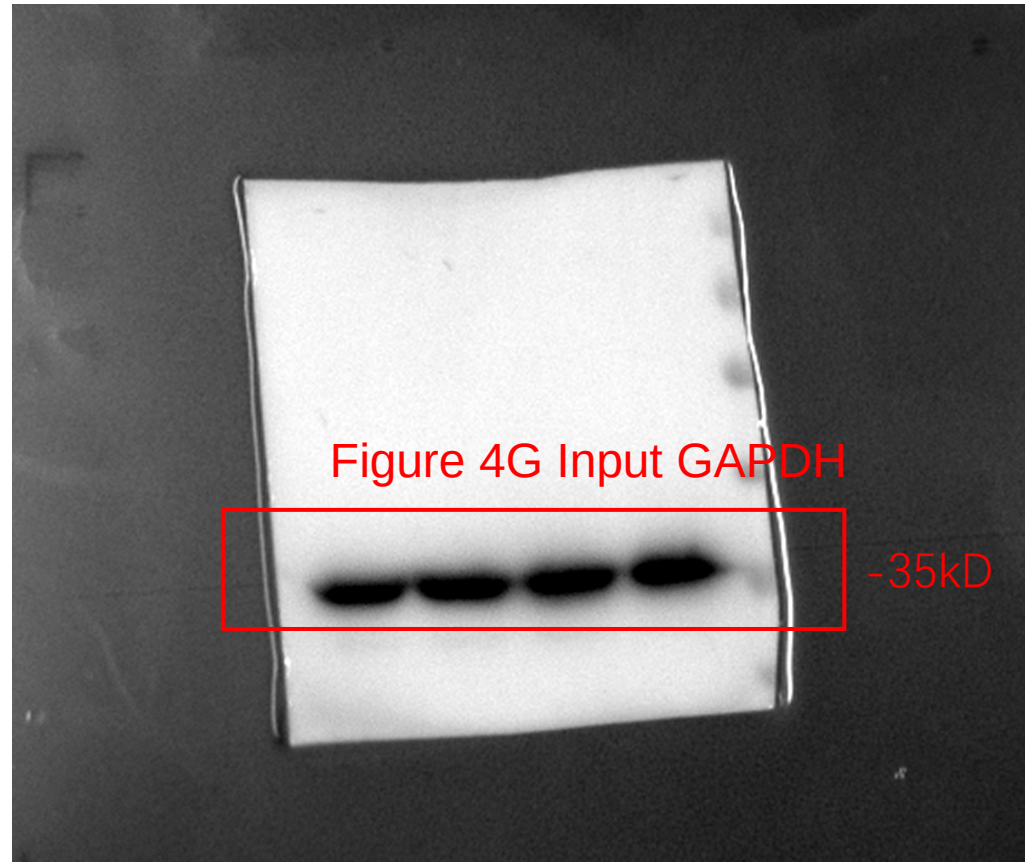




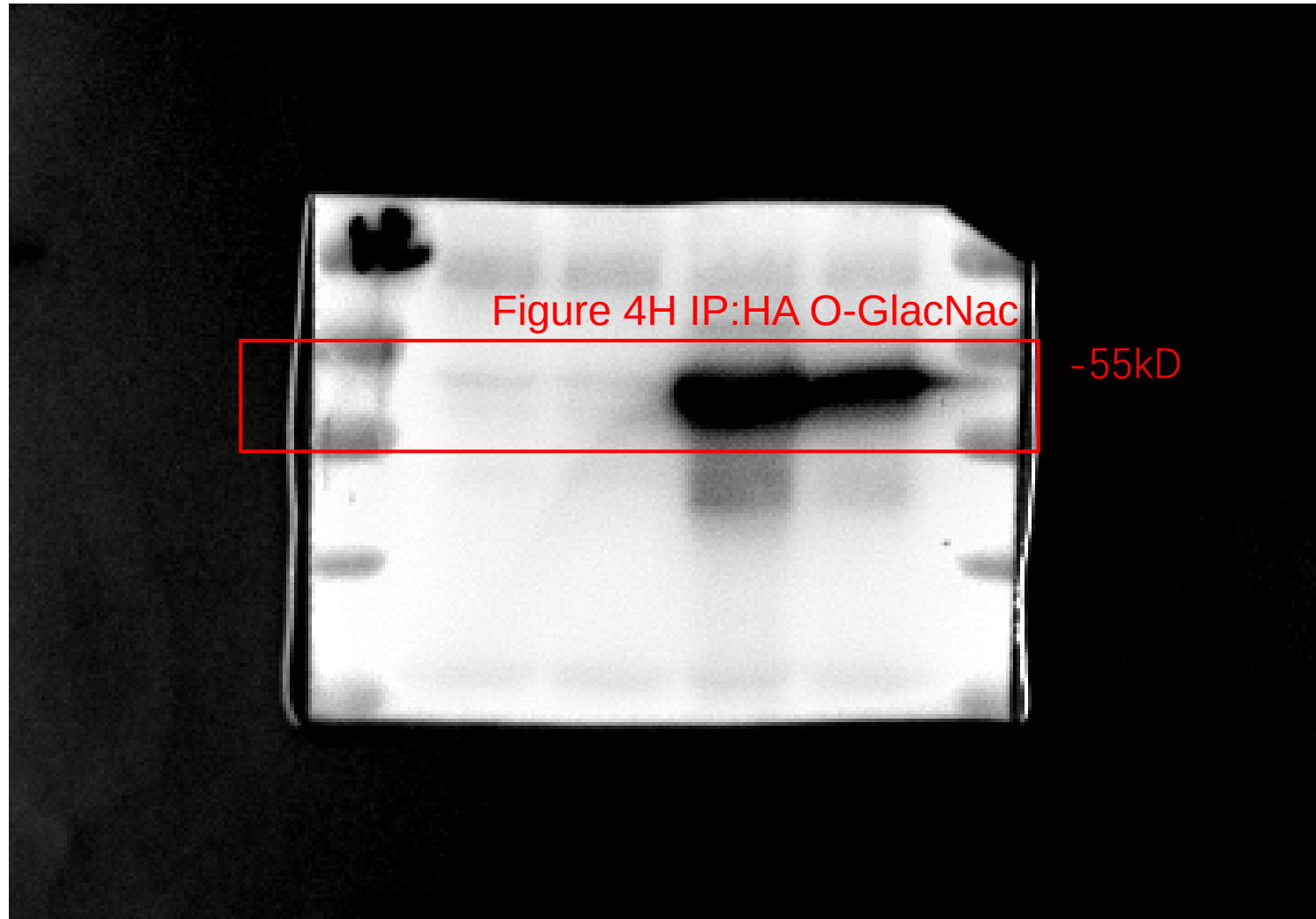
# Figure 4G Input O-GlacNac



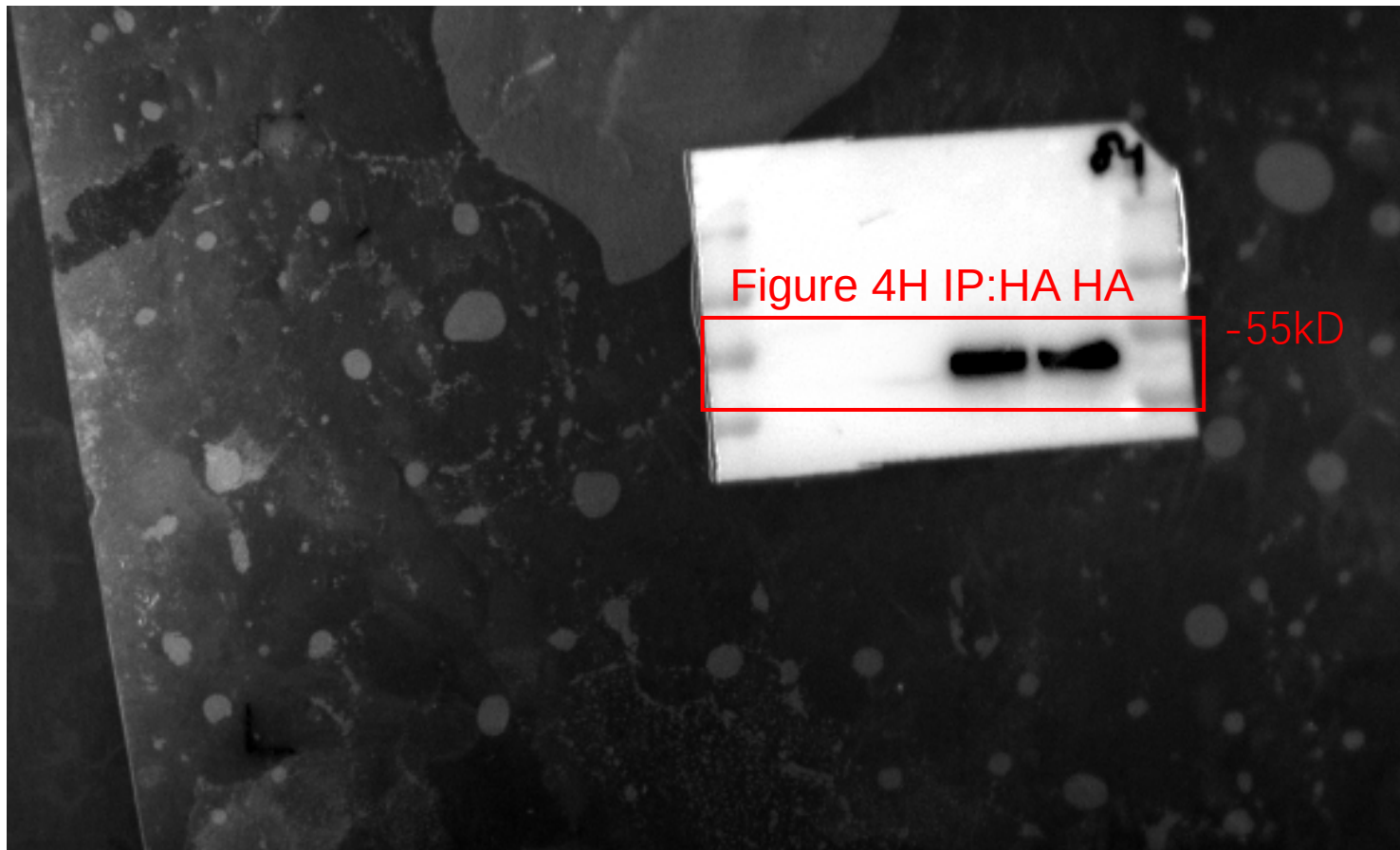
# Figure 4G Input GAPDH



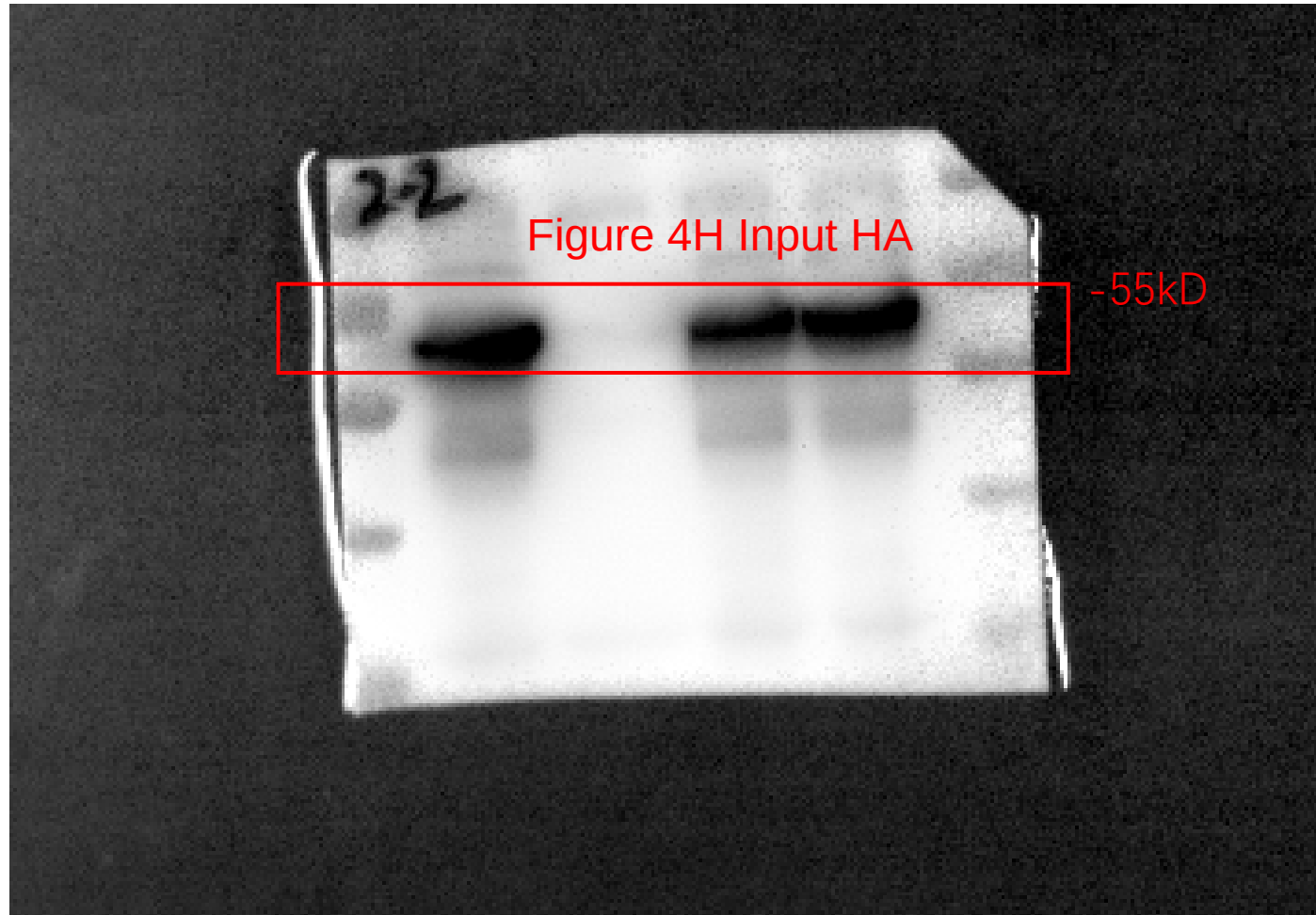
# Figure 4H IP:HA O-GlacNac



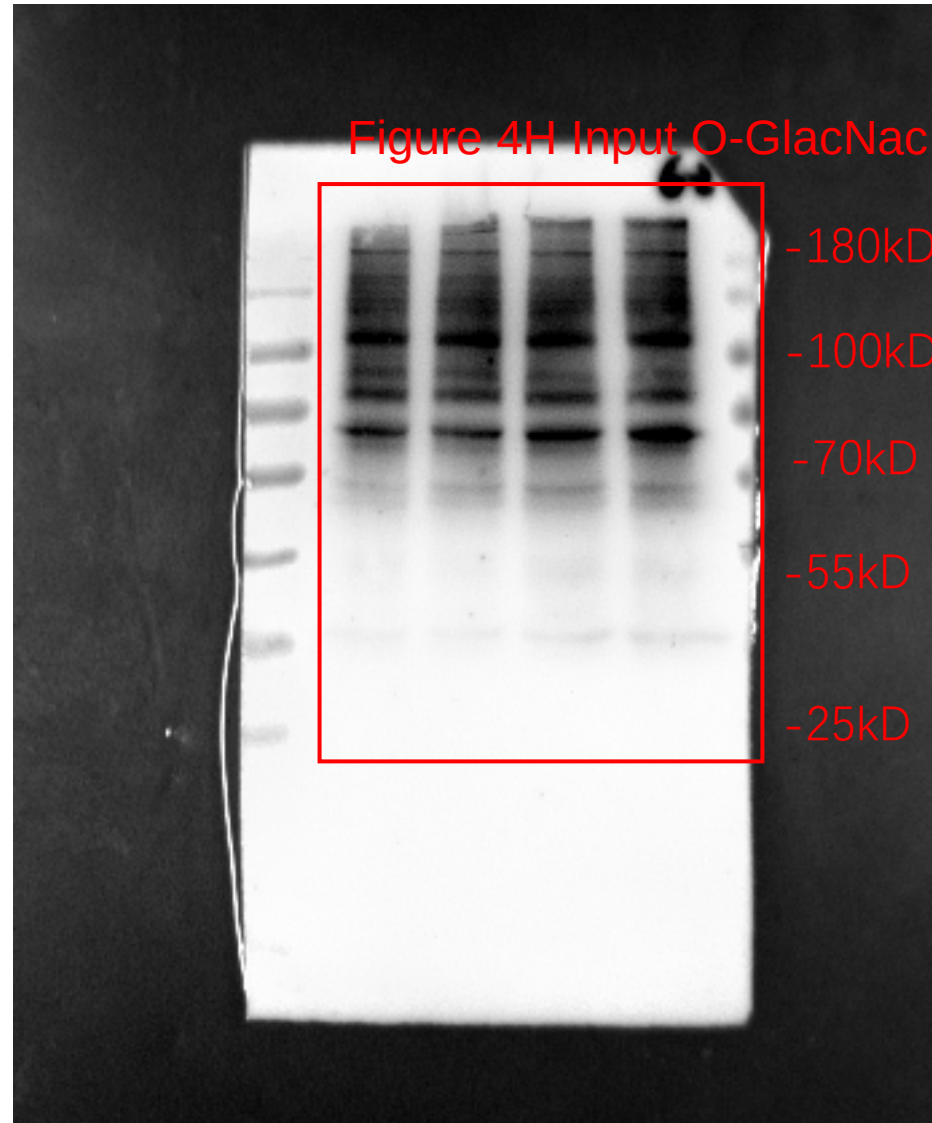
# Figure 4H IP:HA HA



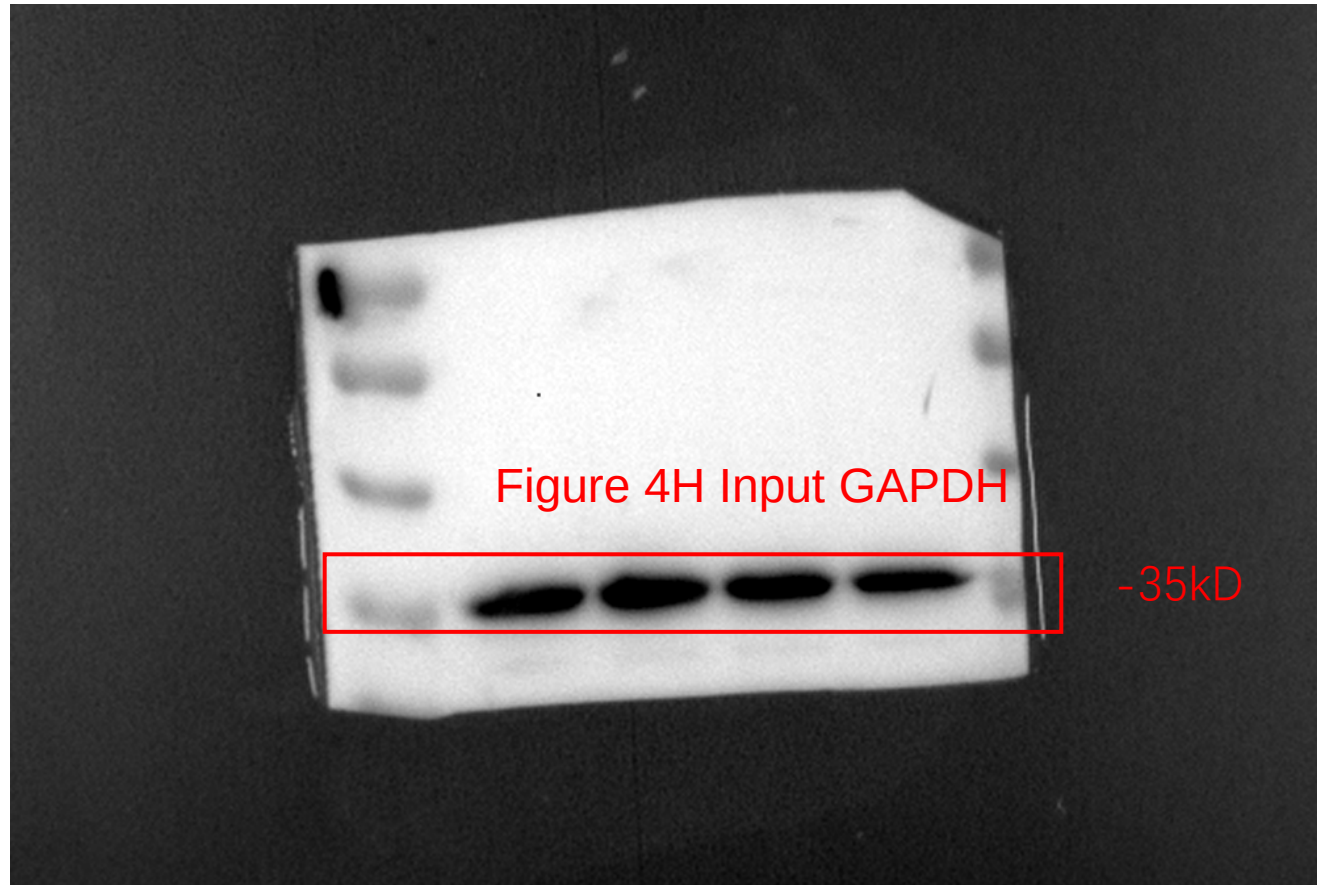
# Figure 4H Input HA



# Figure 4H Input O-GlacNac

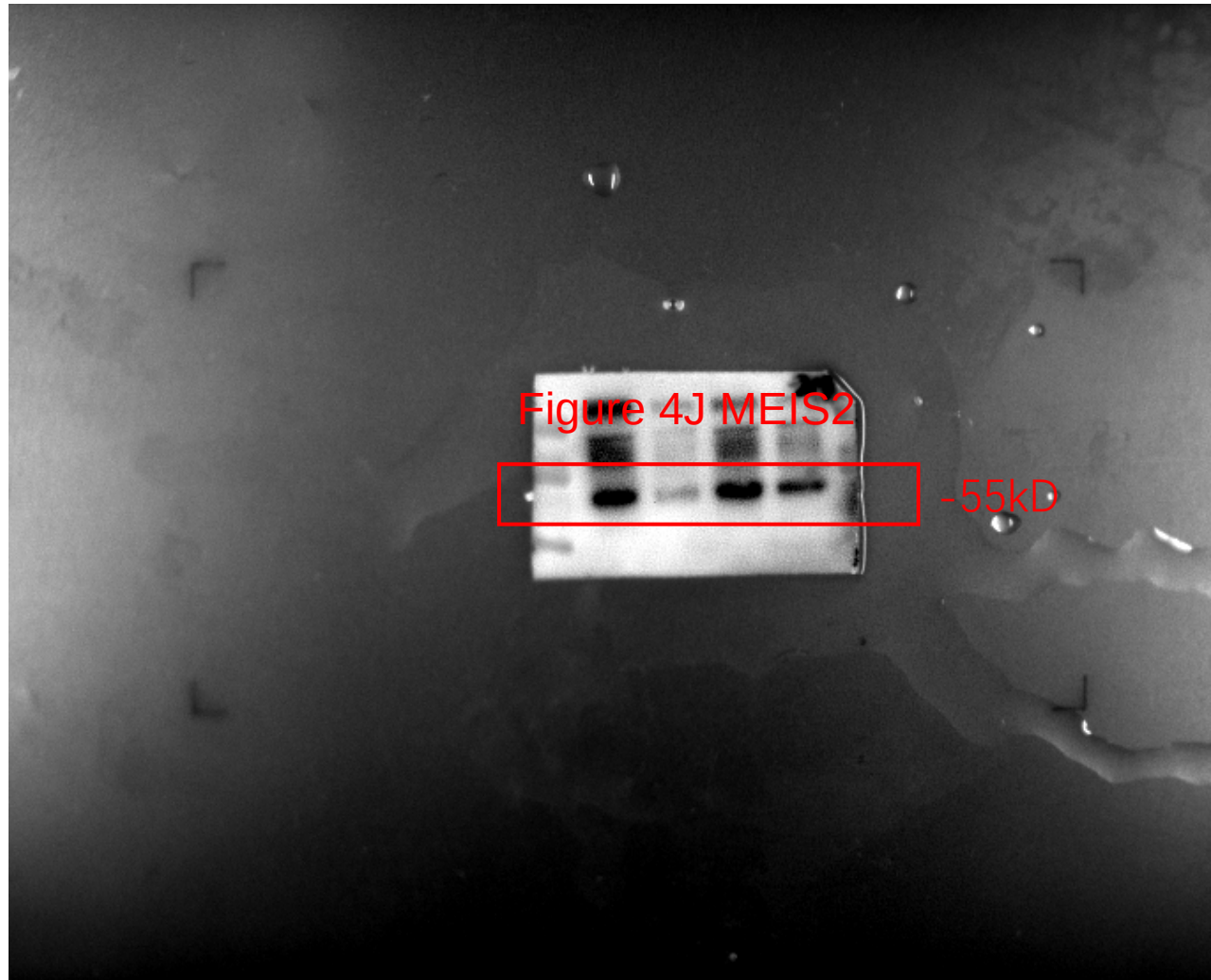


# Figure 4H Input GAPDH

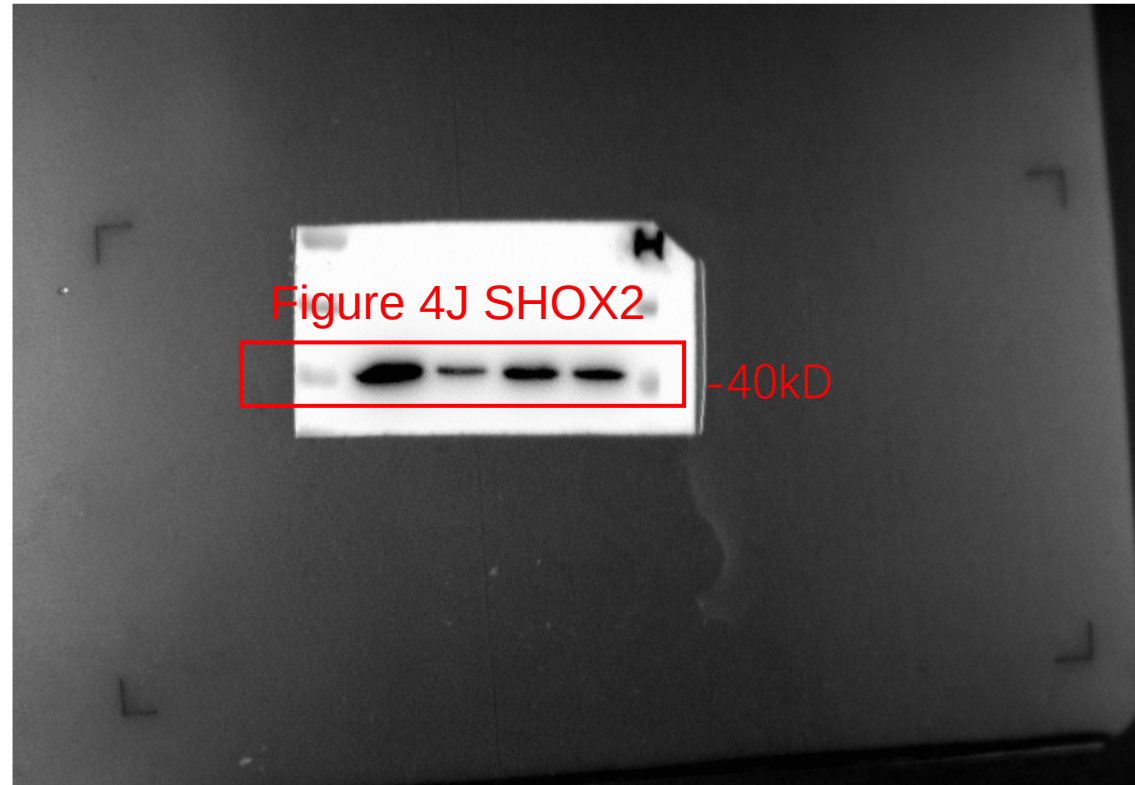




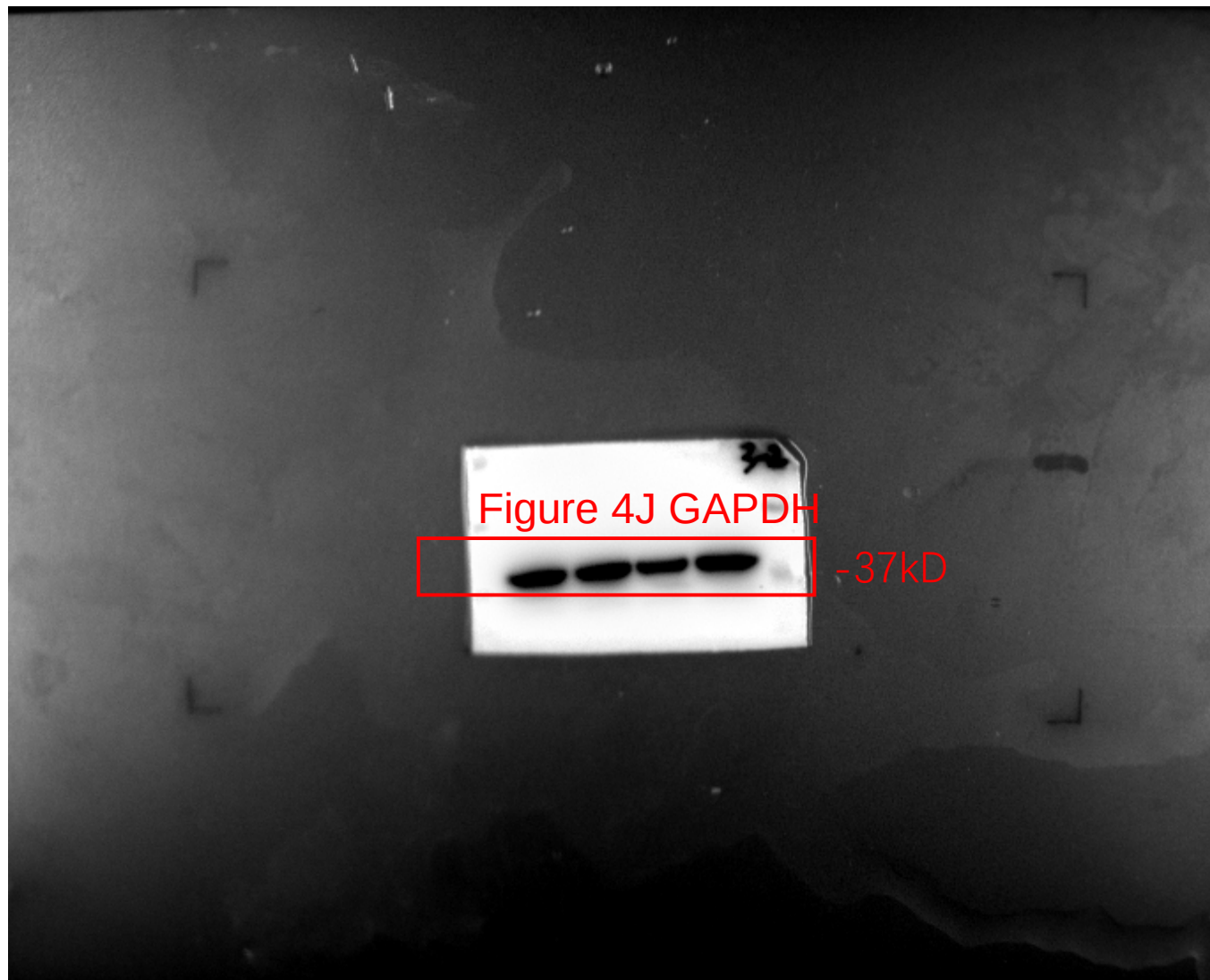
# Figure 4J MEIS2



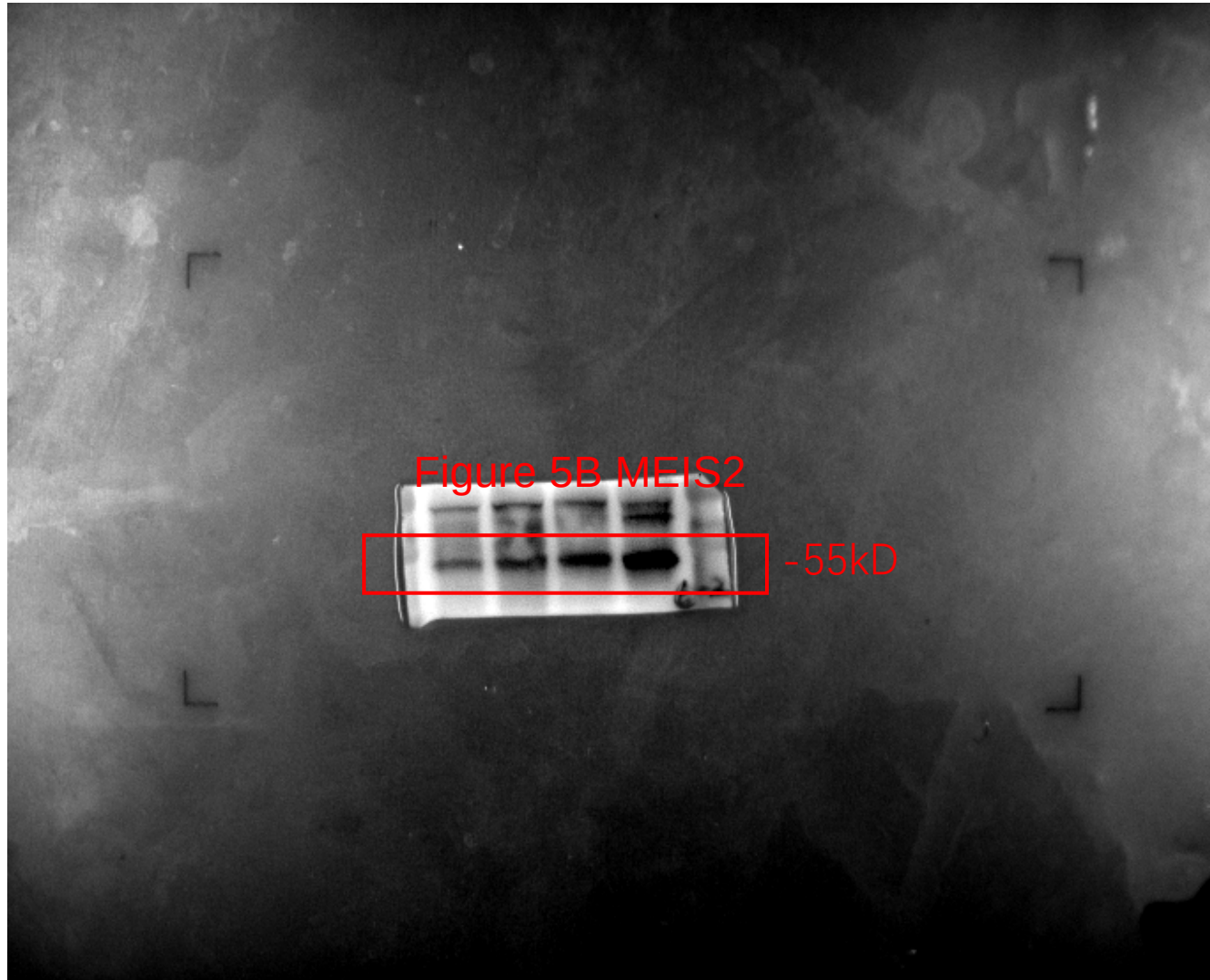
# Figure 4J SHOX2



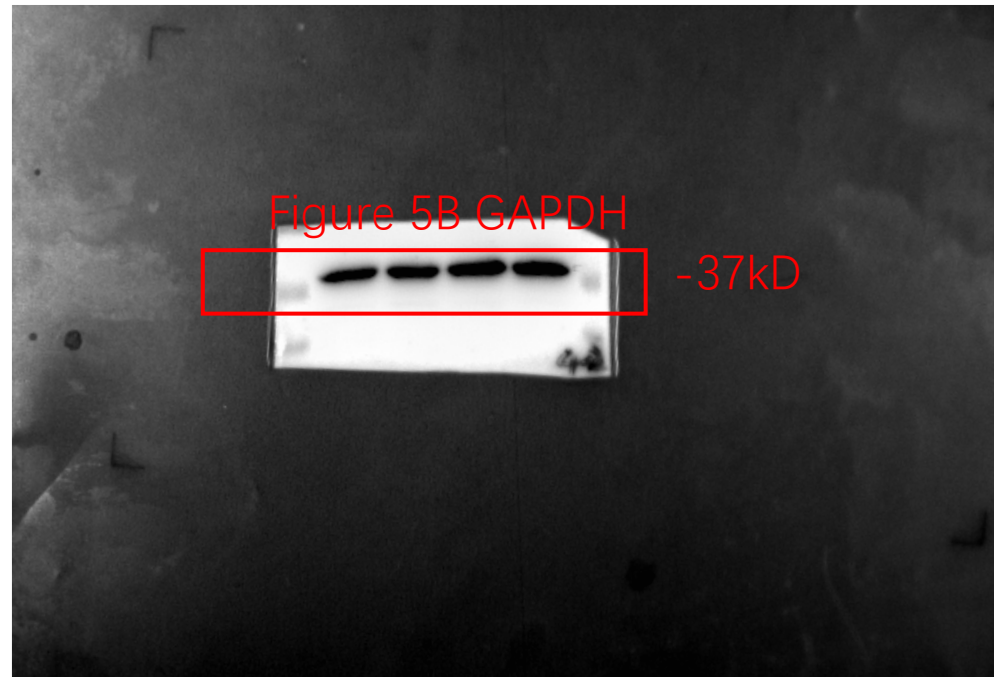
# Figure 4J GAPDH



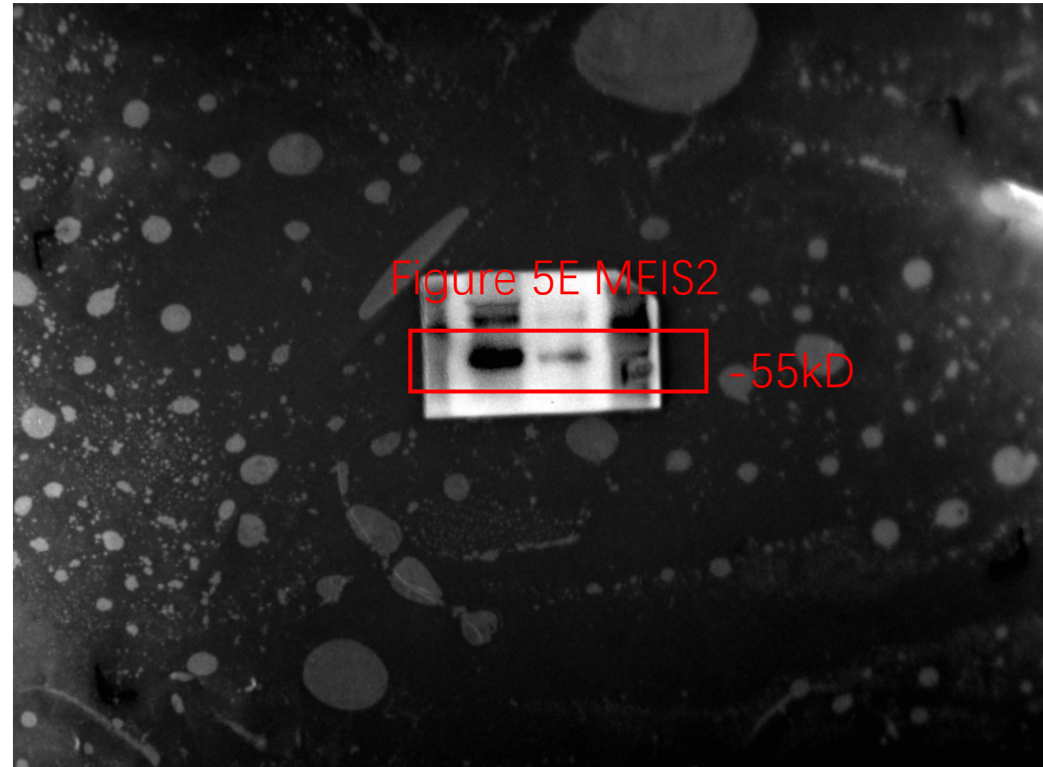
# Figure 5B MEIS2



# Figure 5B GAPDH

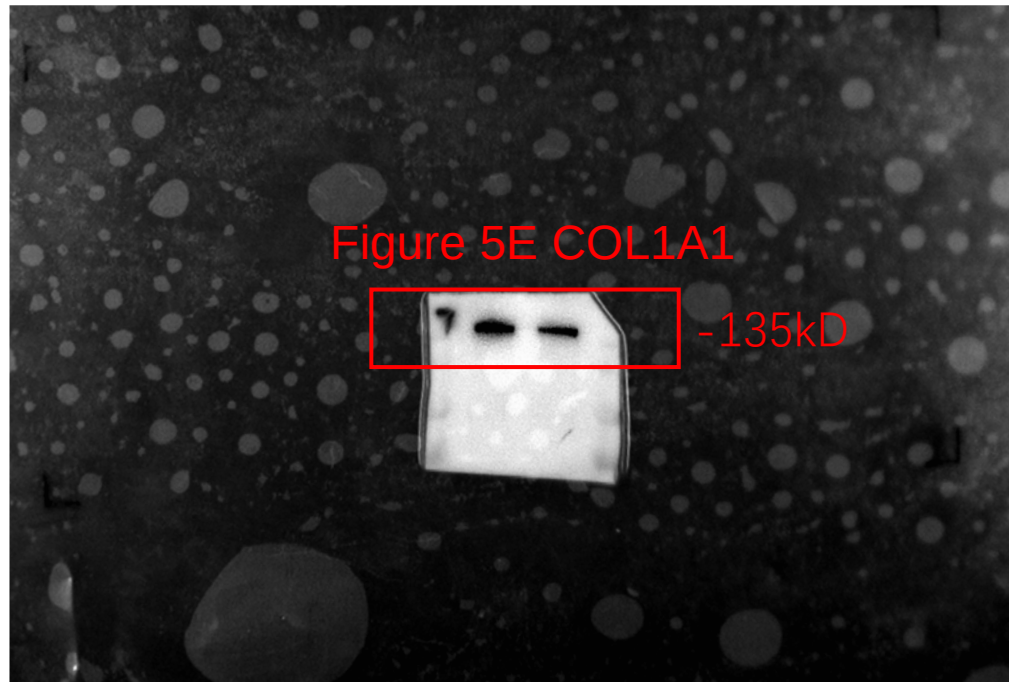


# Figure 5E MEIS2

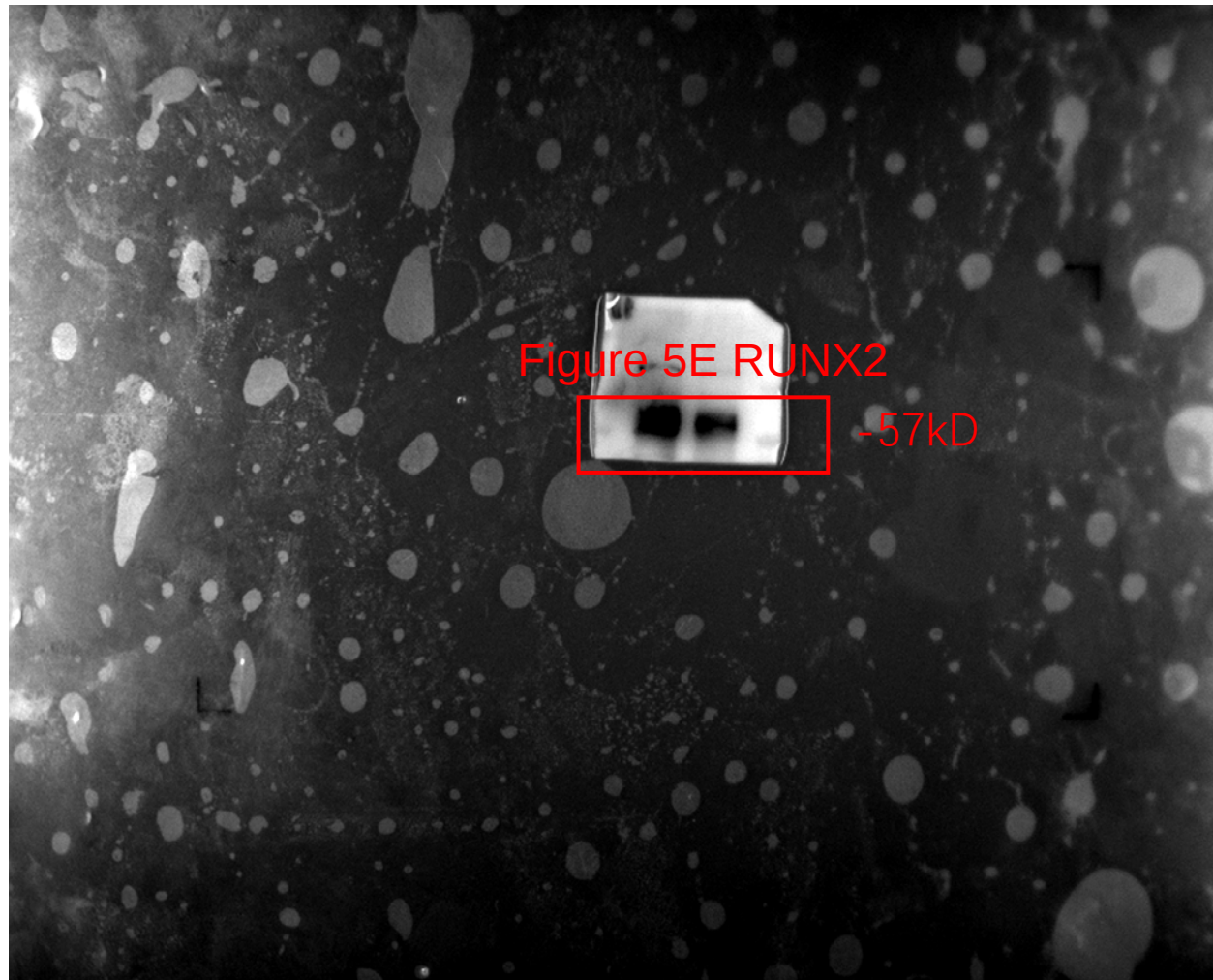




# Figure 5E COL1A1

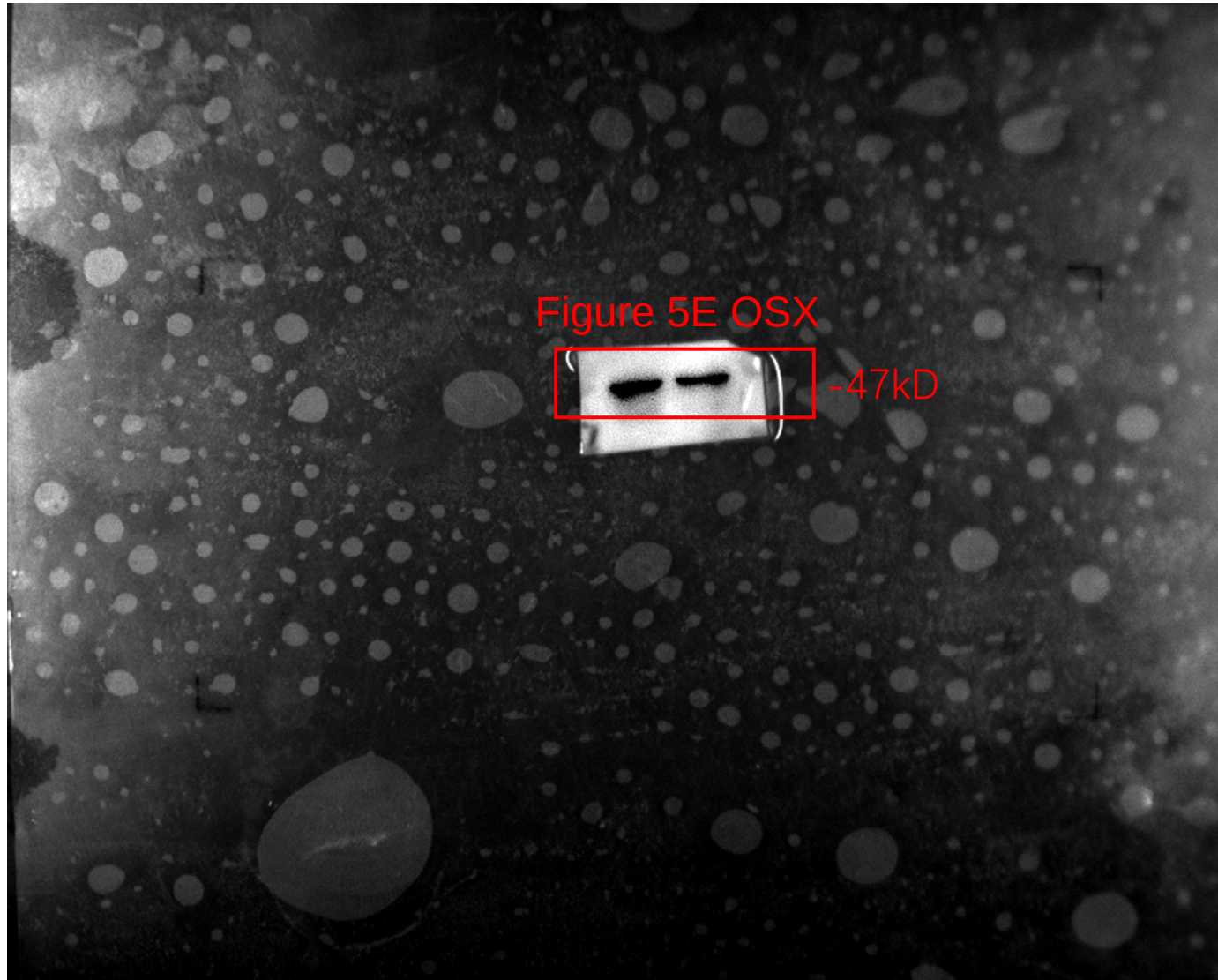


# Figure 5E RUNX2

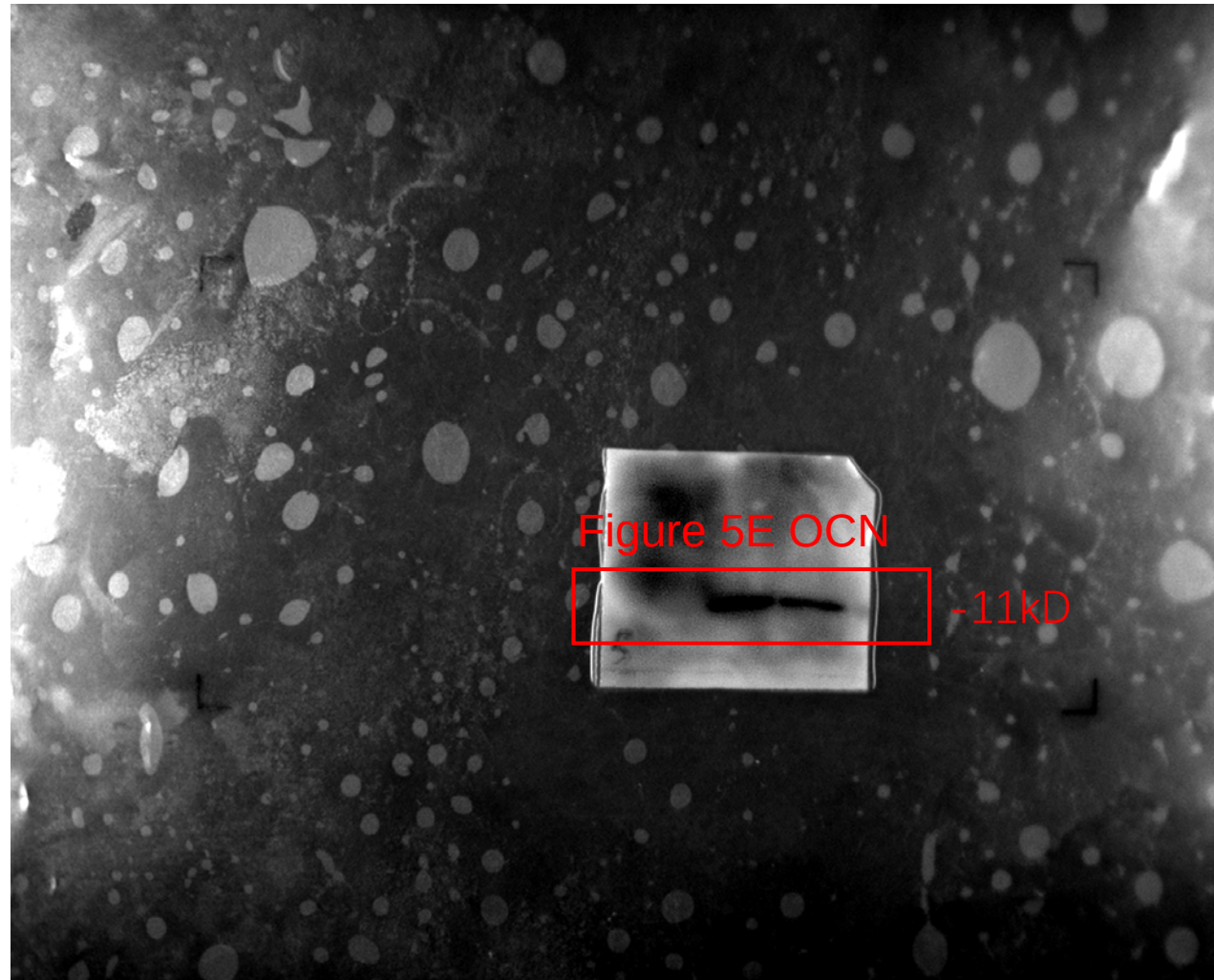




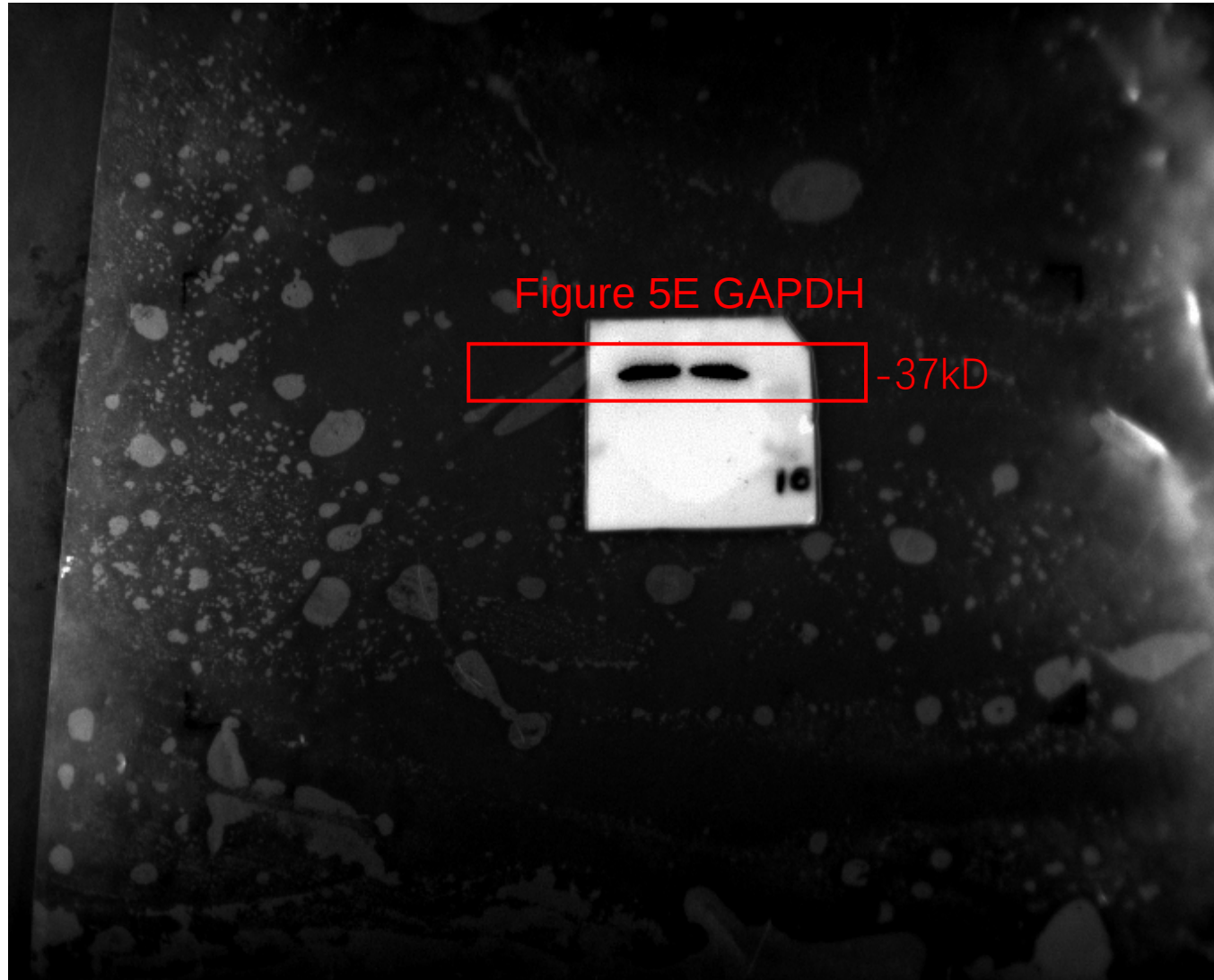
# Figure 5E OSX



# Figure 5E OCN

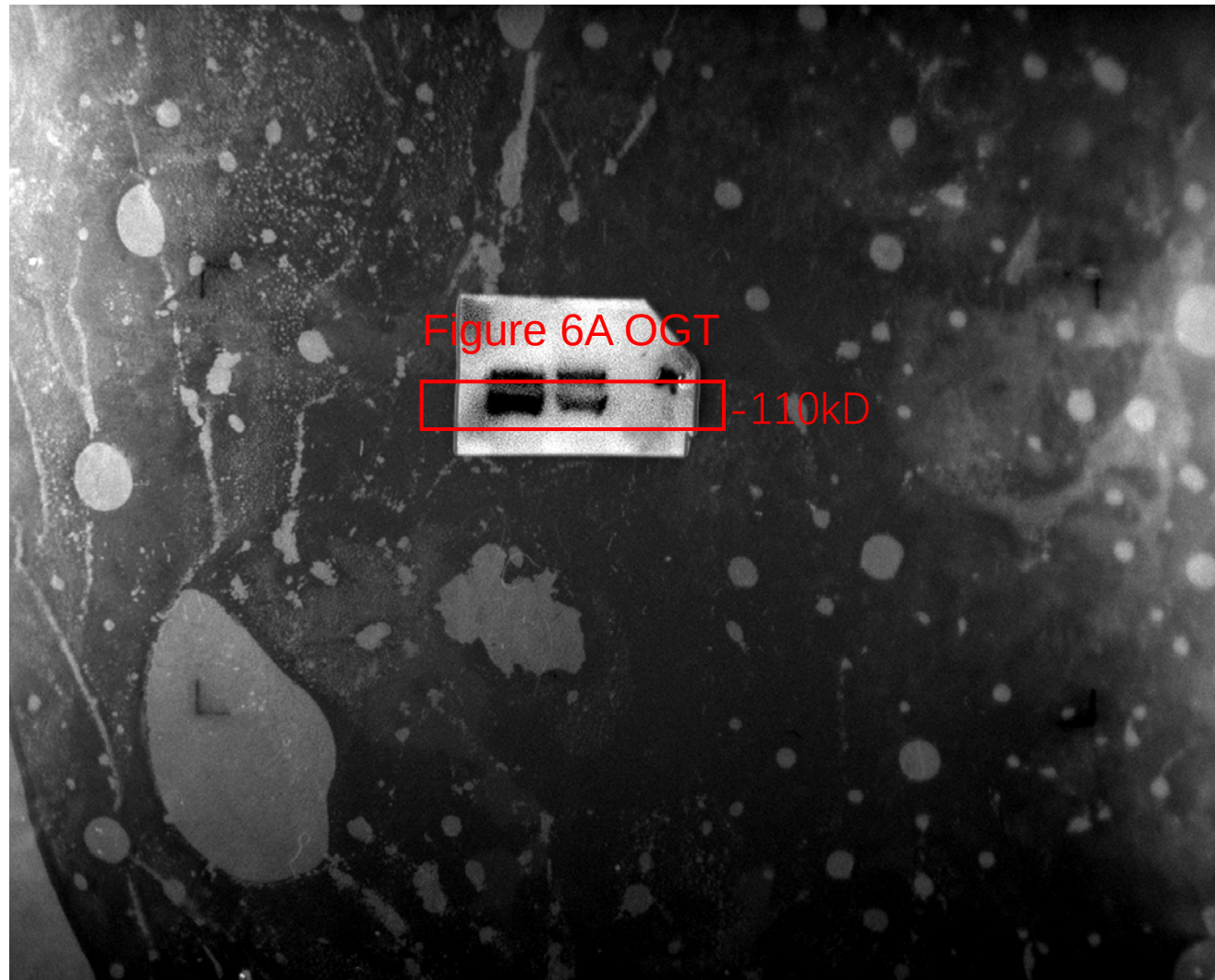


# Figure 5E GAPDH

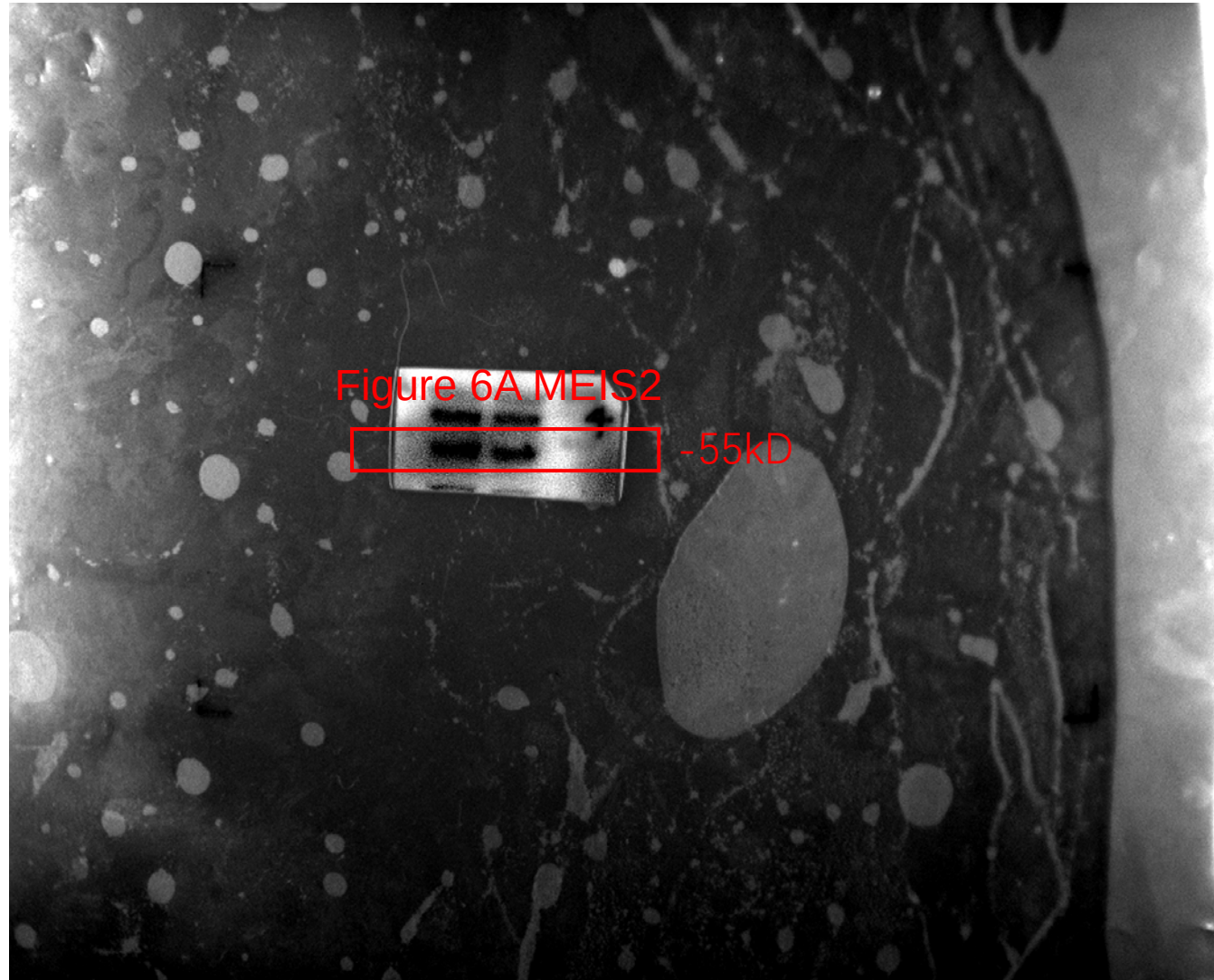




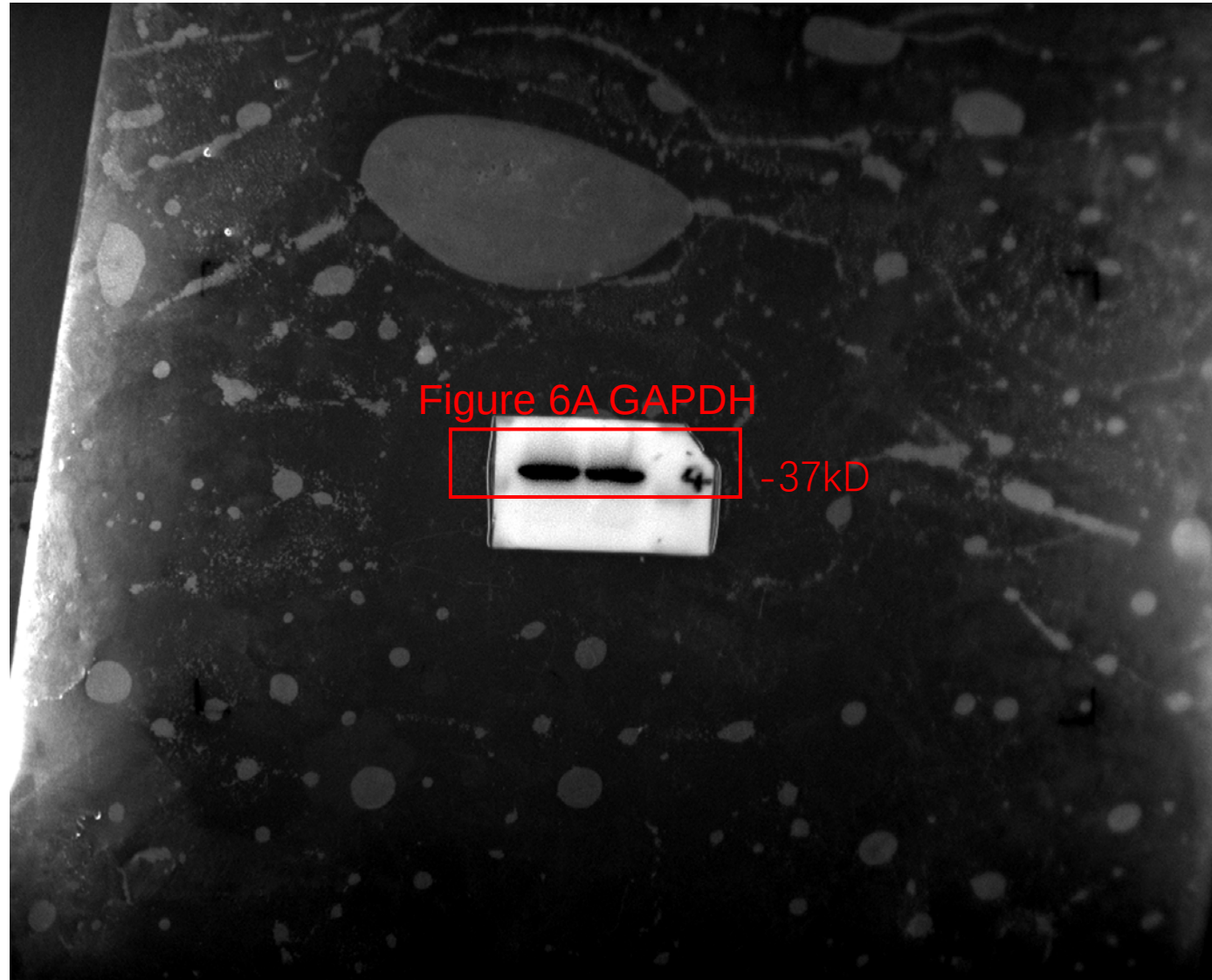
# Figure 6A OGT



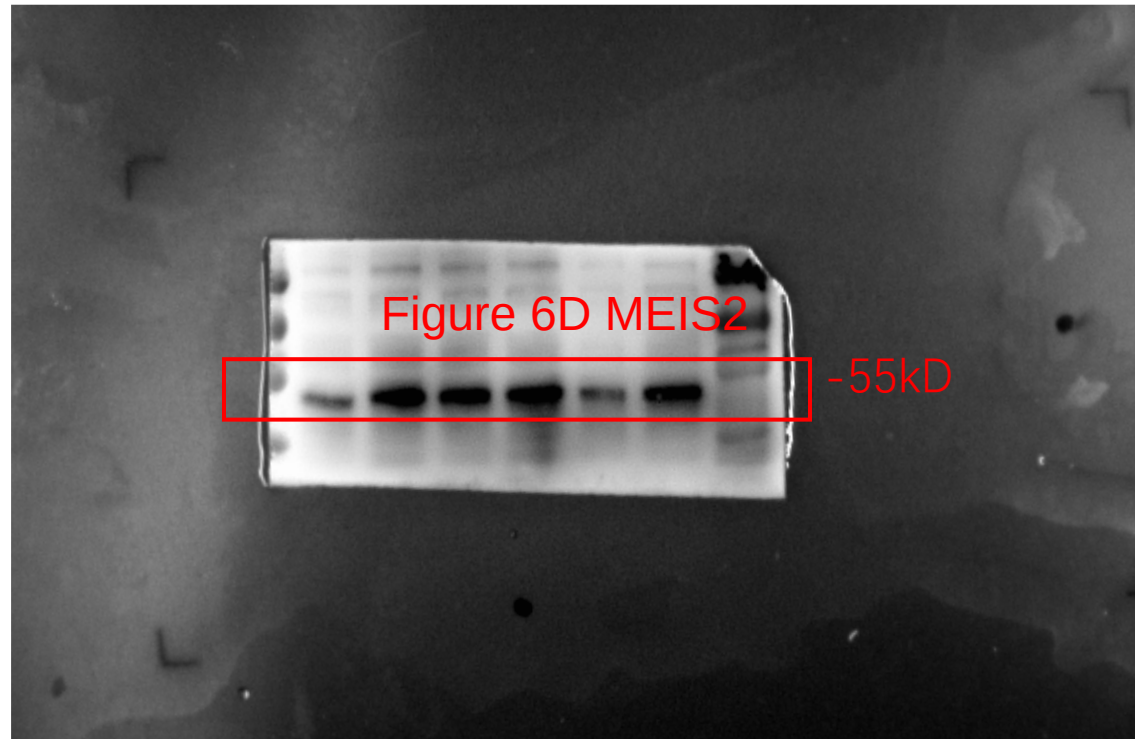
# Figure 6A MEIS2



# Figure 6A GAPDH

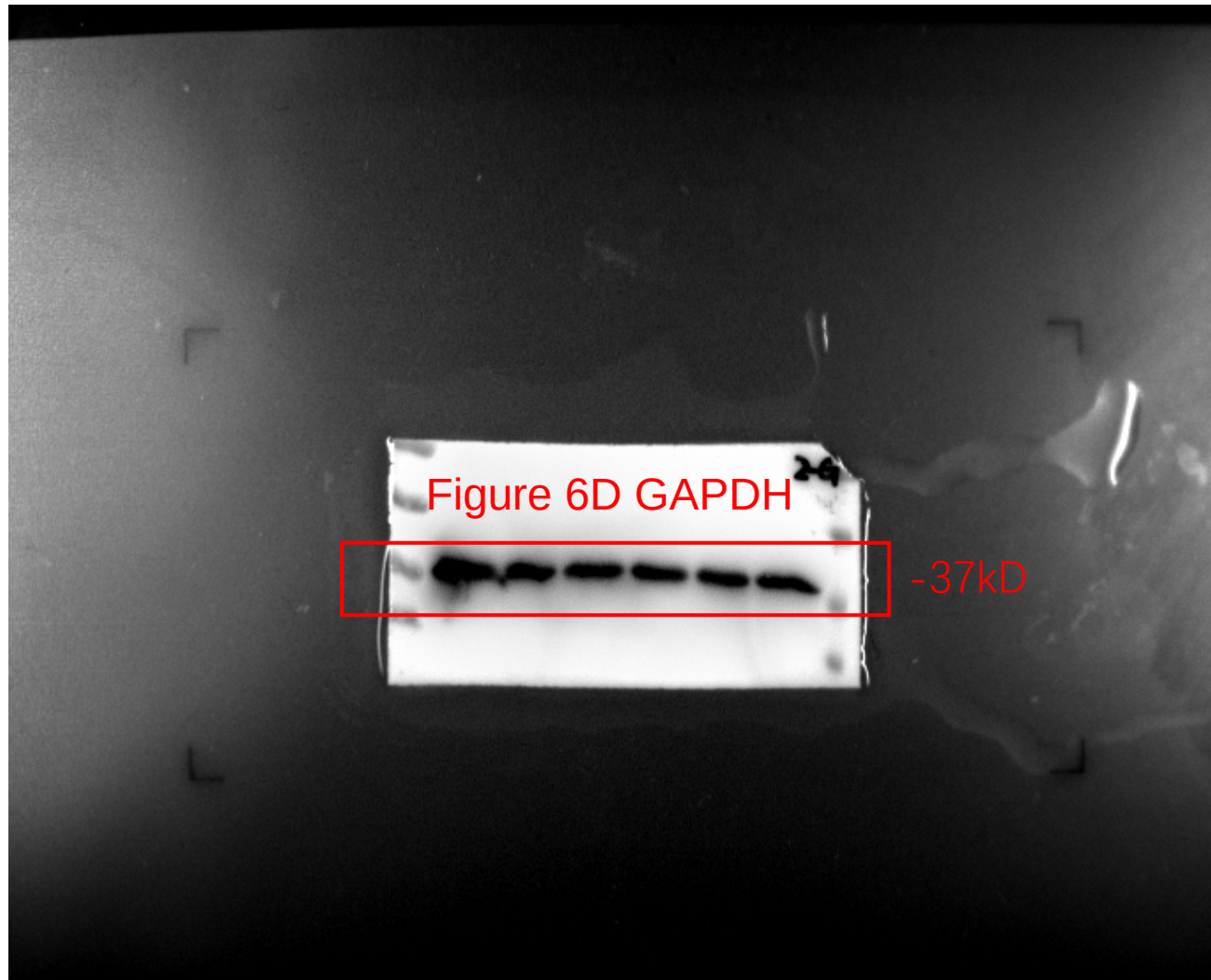


# Figure 6D MEIS2

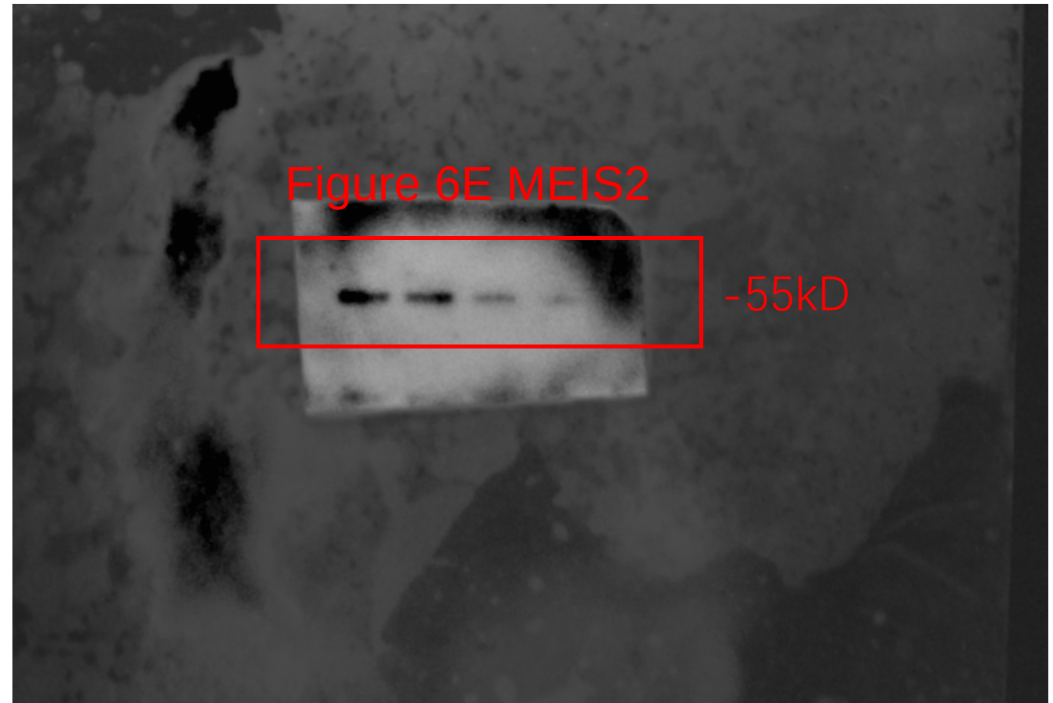
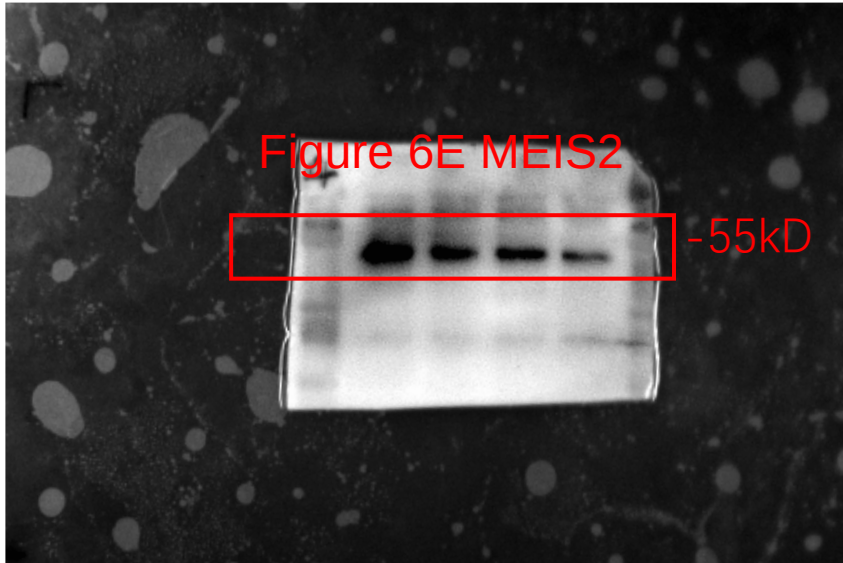




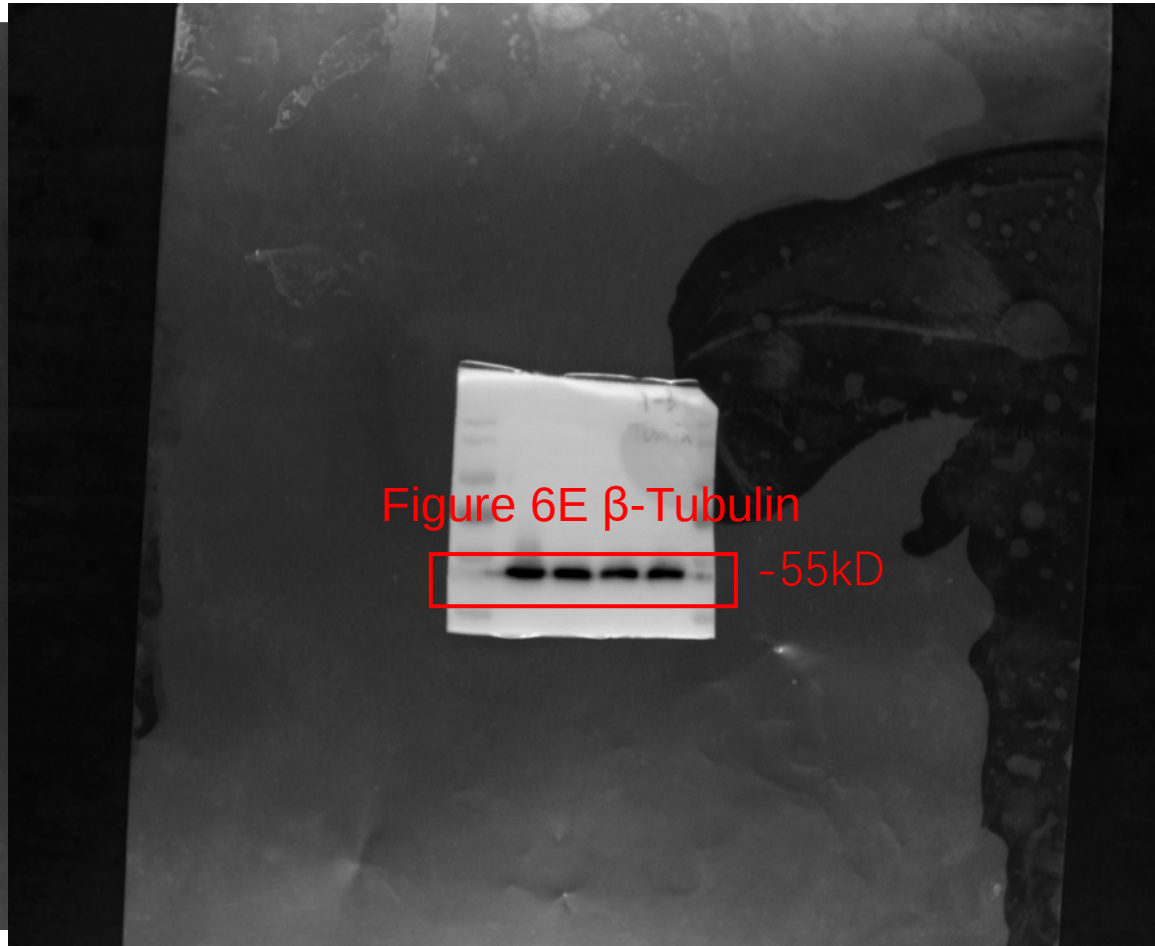
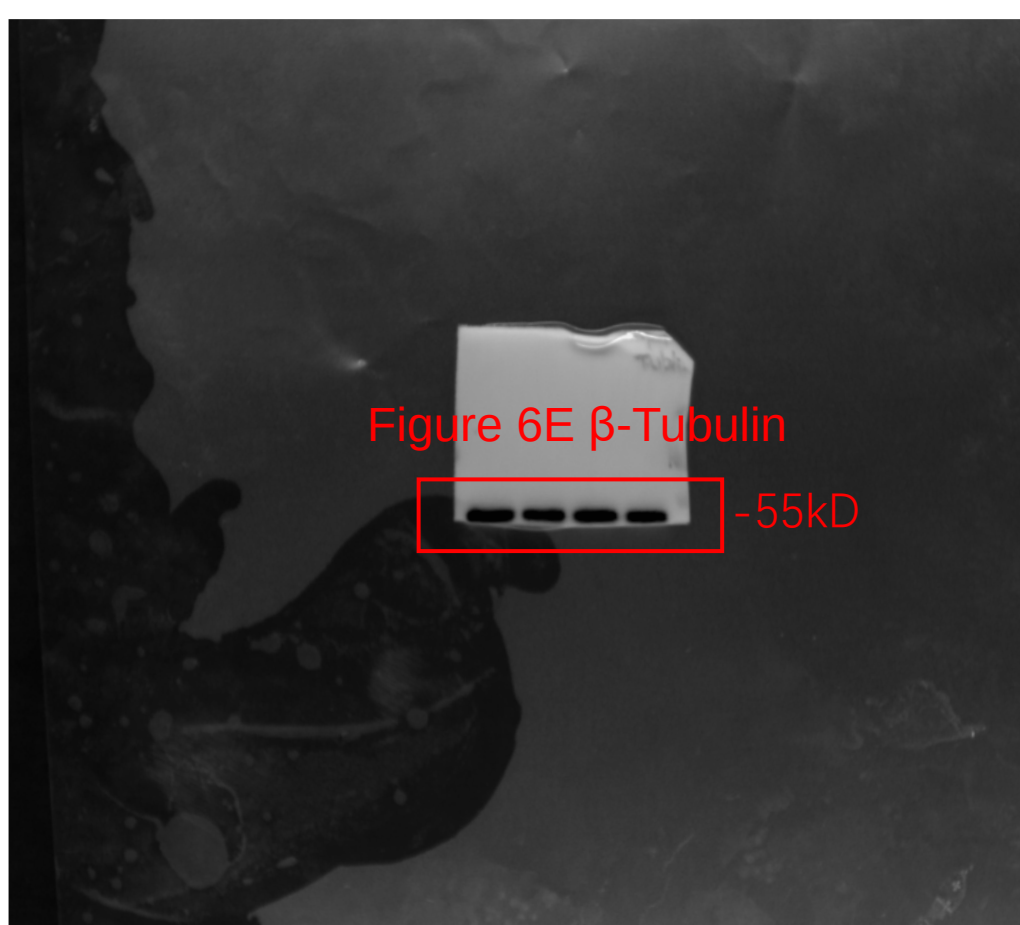
# Figure 6D GAPDH



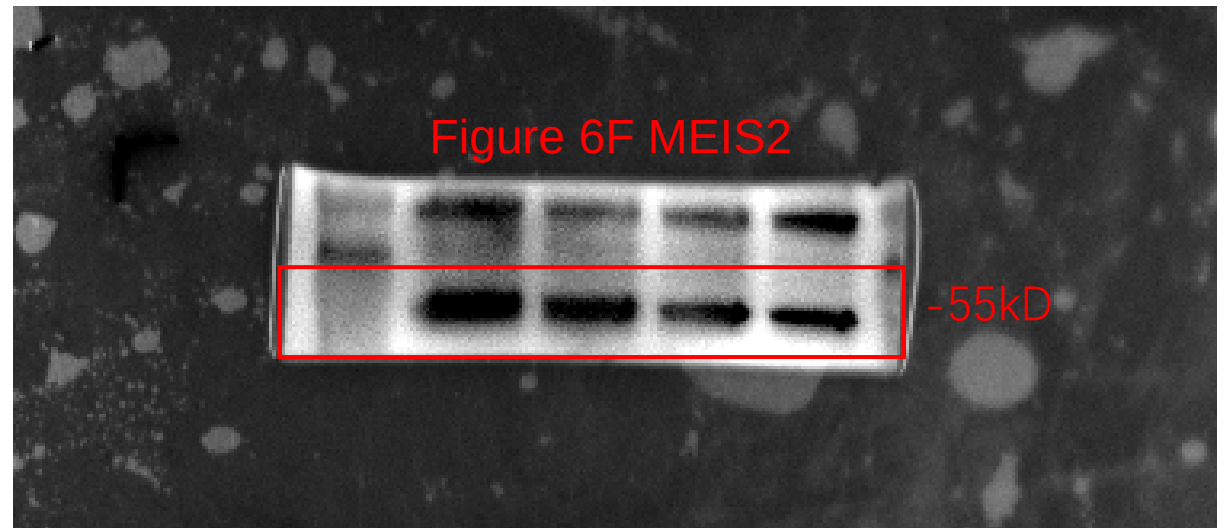
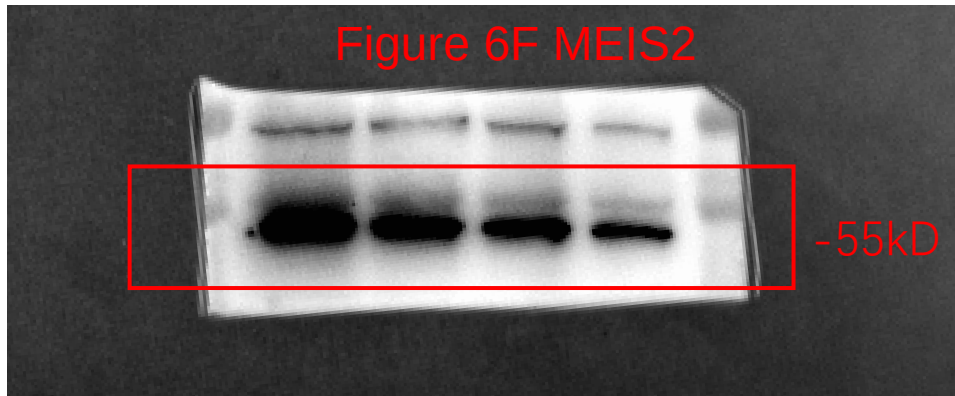
# Figure 6E MEIS2



# Figure 6E $\beta$ -Tubulin



# Figure 6F MEIS2



# Figure 6F $\beta$ -Tubulin

Figure 6F  $\beta$ -Tubulin  
-55kD

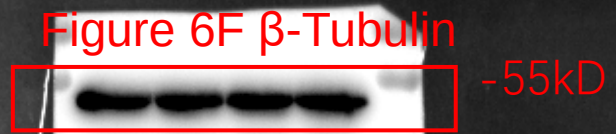
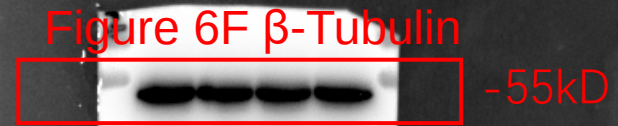
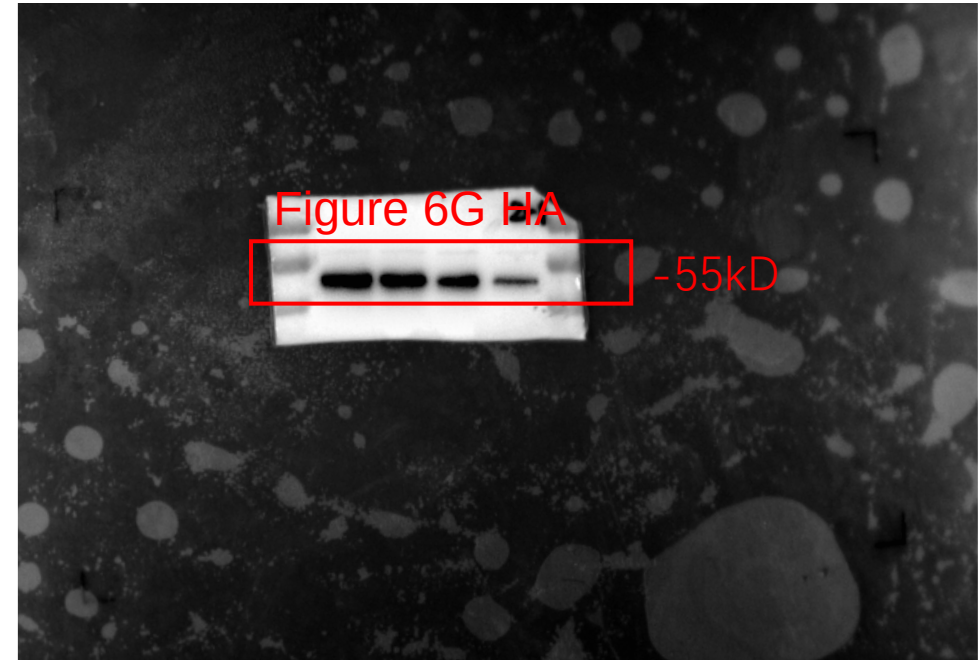
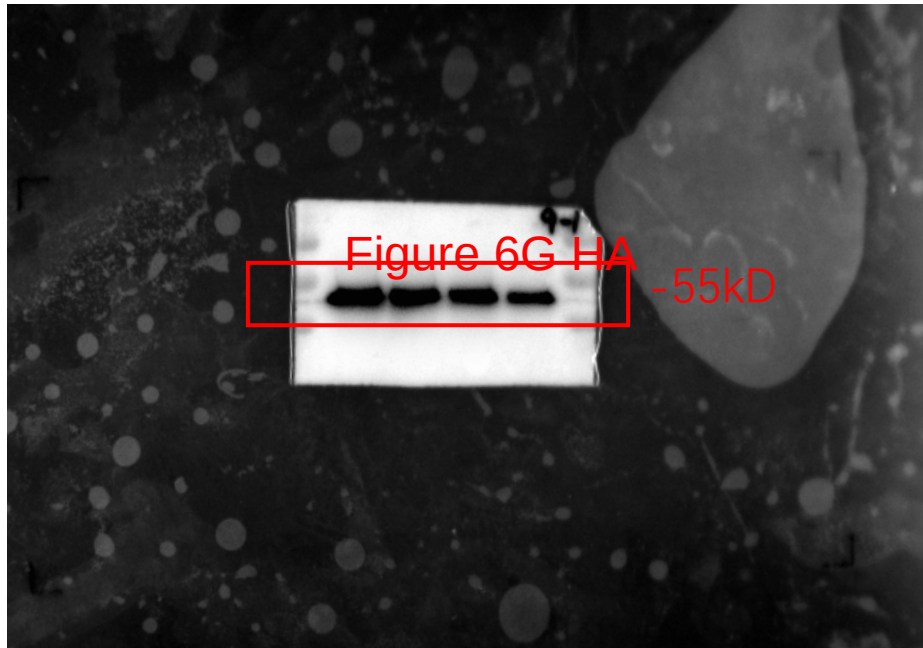
A Western blot image showing four lanes of protein bands. A red rectangular box highlights the bands in the first four lanes, which are at approximately 55kD. The text "Figure 6F  $\beta$ -Tubulin" and "-55kD" is written in red above and to the right of the box, respectively. The bands are dark and of similar intensity across all four lanes.

Figure 6F  $\beta$ -Tubulin  
-55kD

A Western blot image showing four lanes of protein bands. A red rectangular box highlights the bands in the first four lanes, which are at approximately 55kD. The text "Figure 6F  $\beta$ -Tubulin" and "-55kD" is written in red above and to the right of the box, respectively. The bands are dark and of similar intensity across all four lanes.

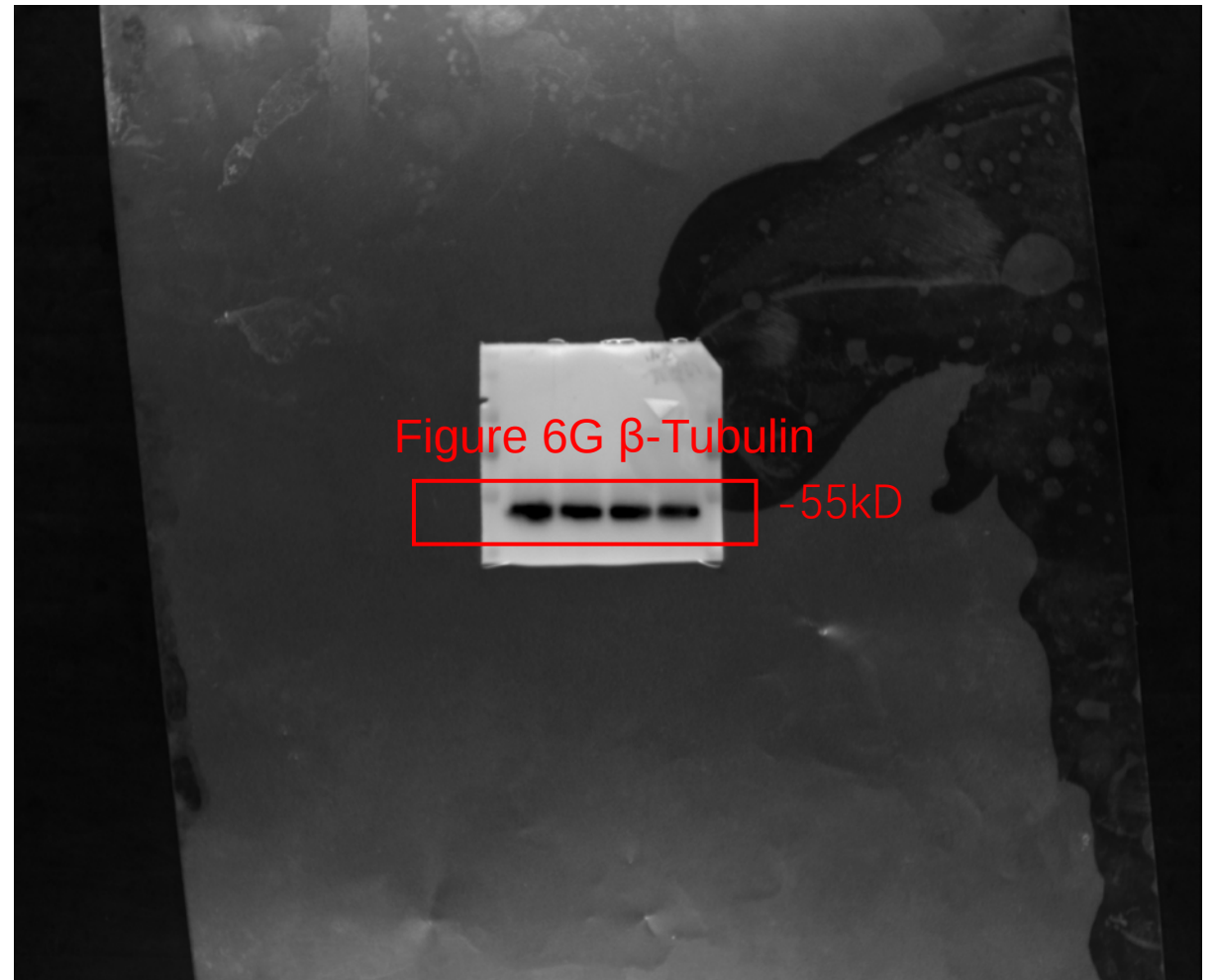
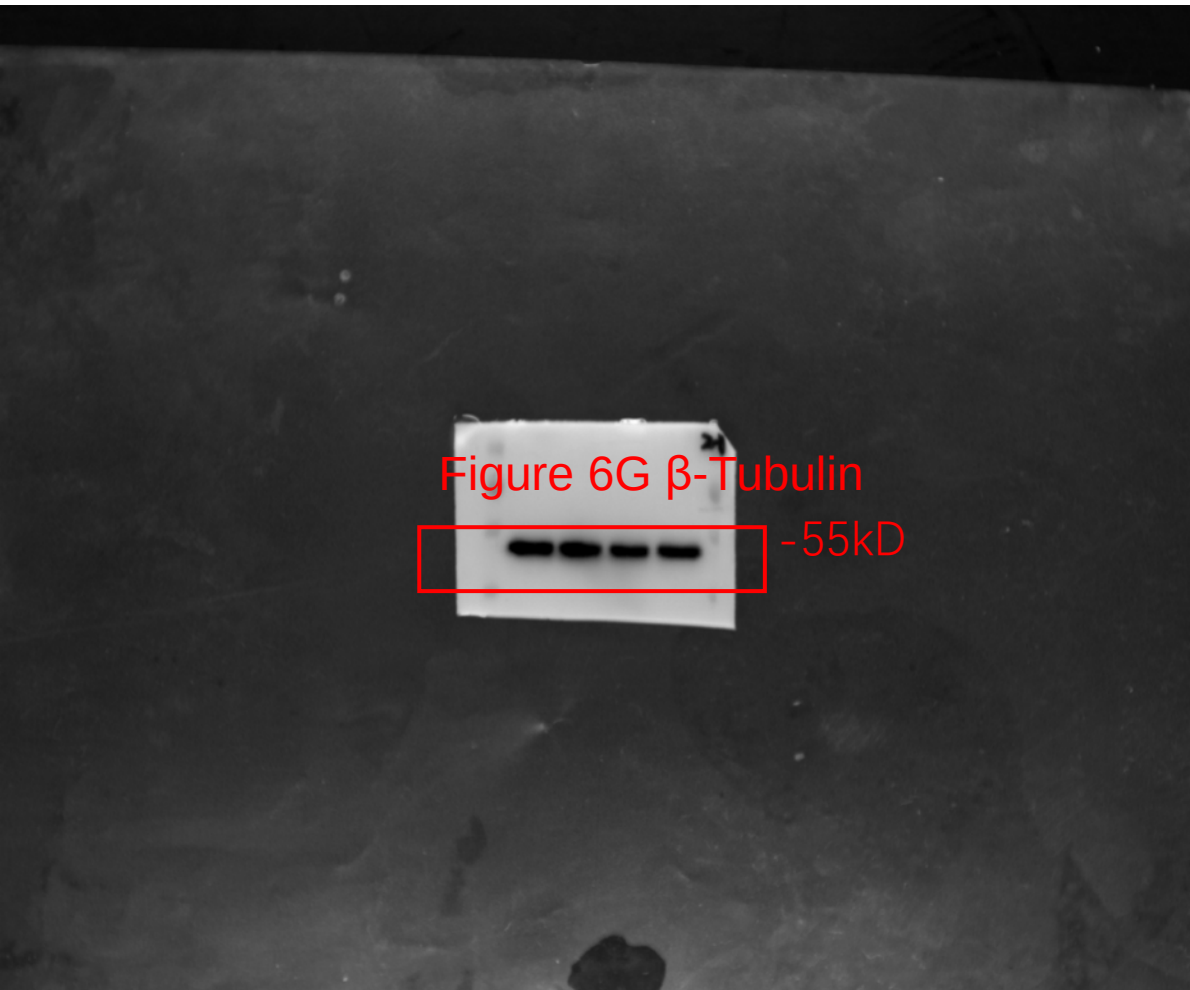


# Figure 6G HA

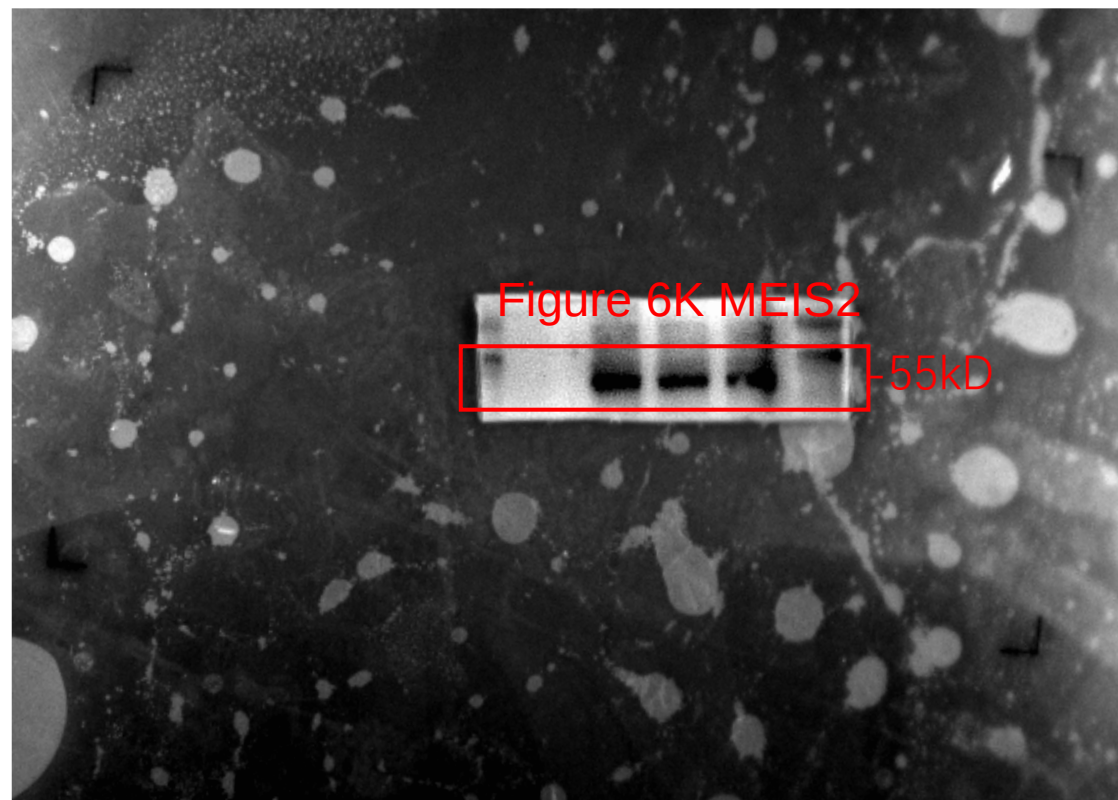




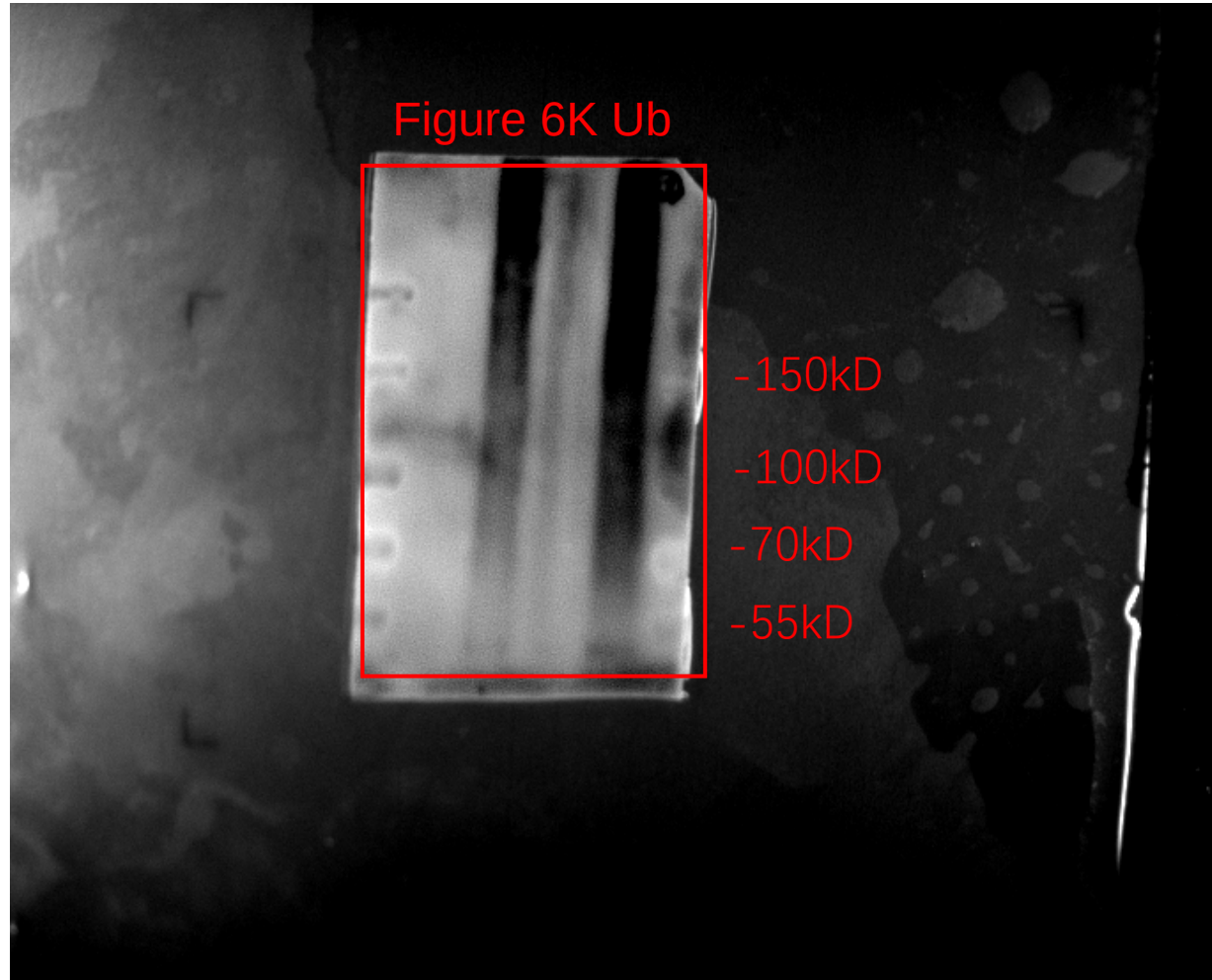
# Figure 6G $\beta$ -Tubulin



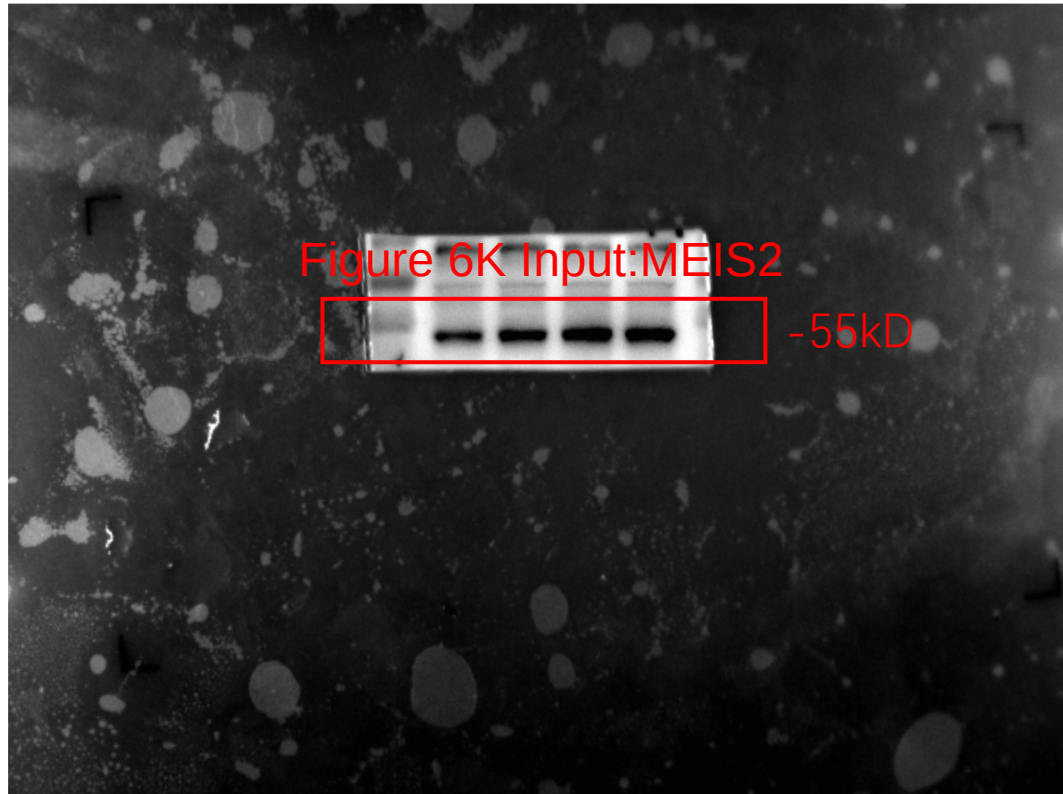
# Figure 6K MEIS2



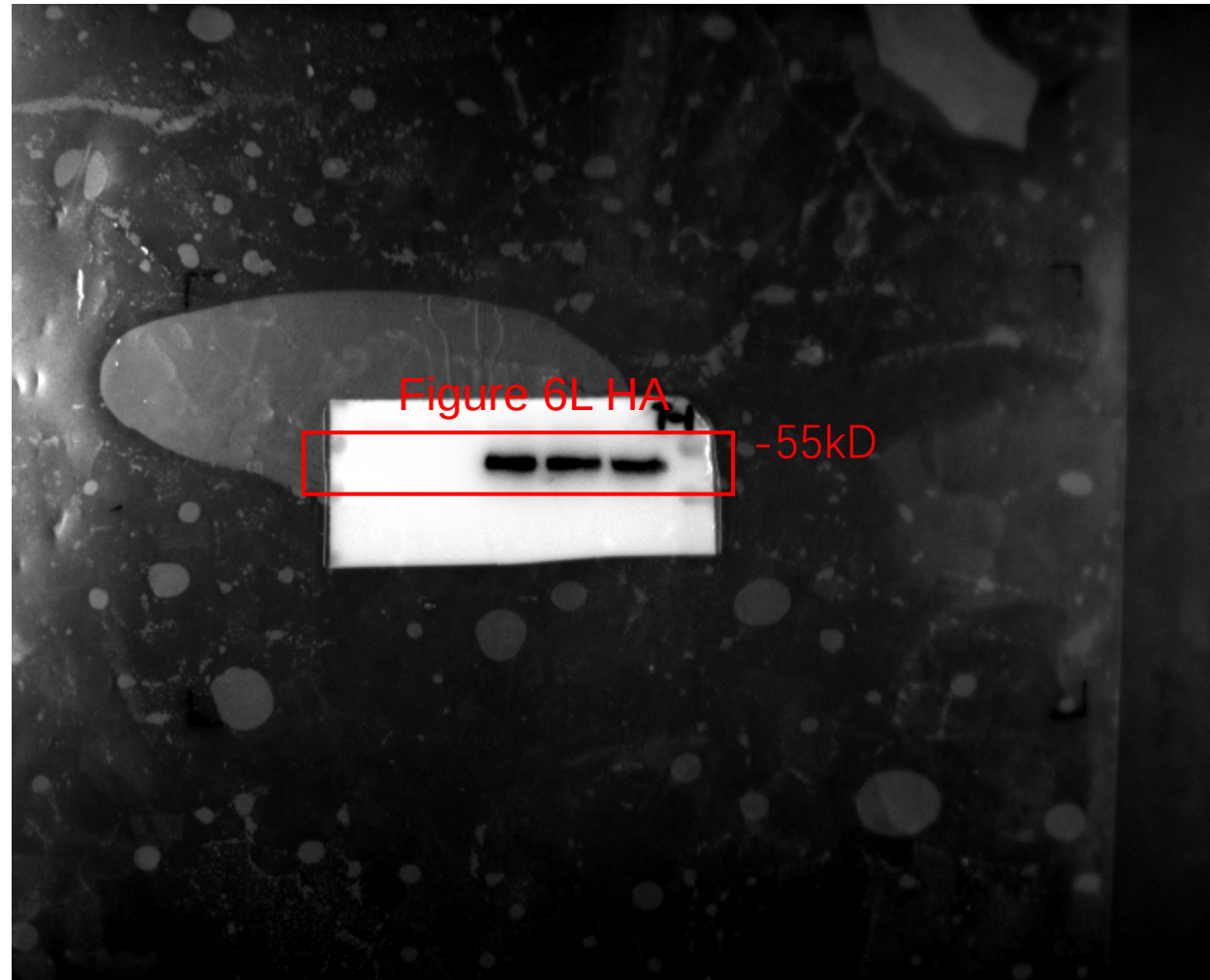
# Figure 6K Ub



# Figure 6K Input:MEIS2

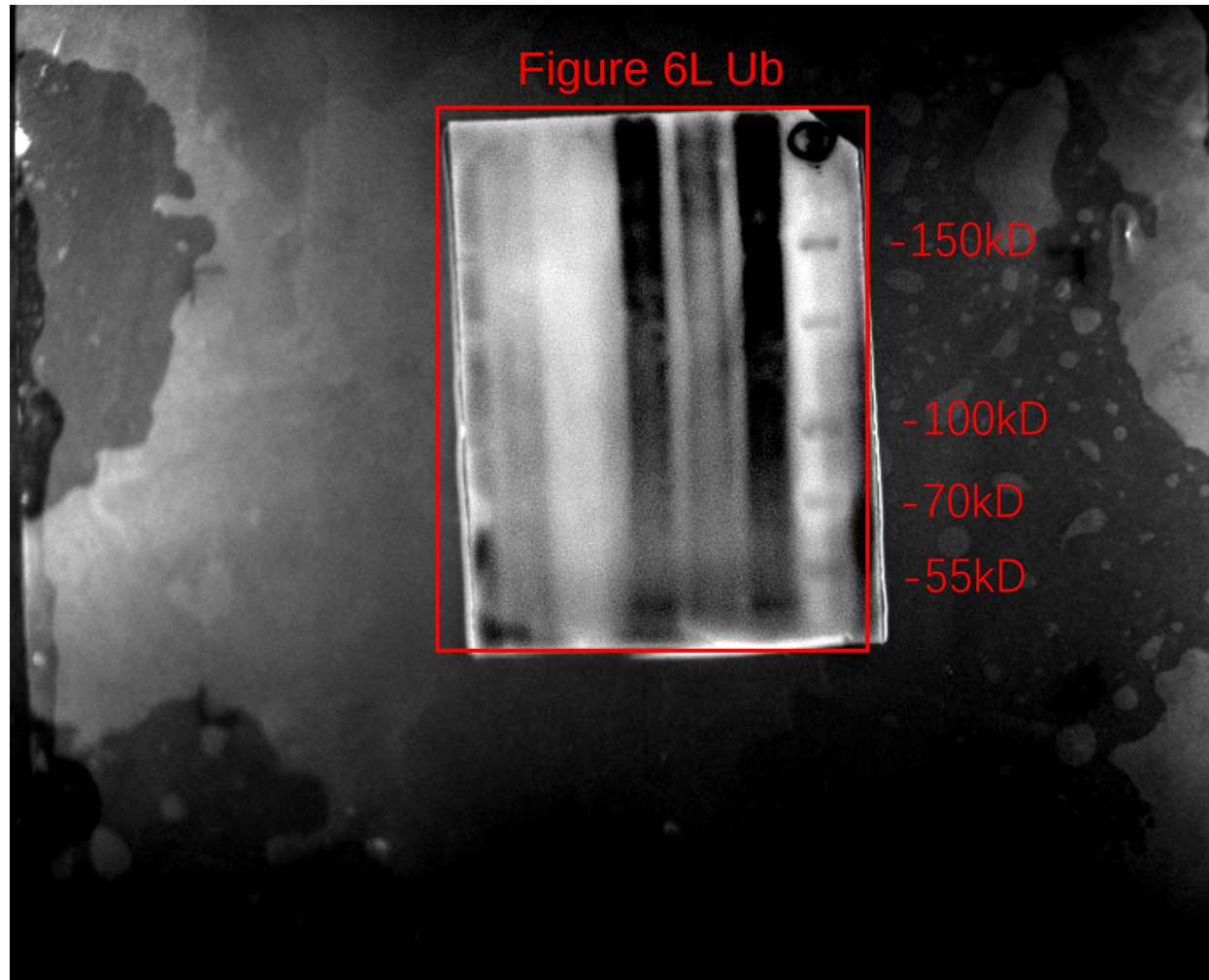


# Figure 6L HA



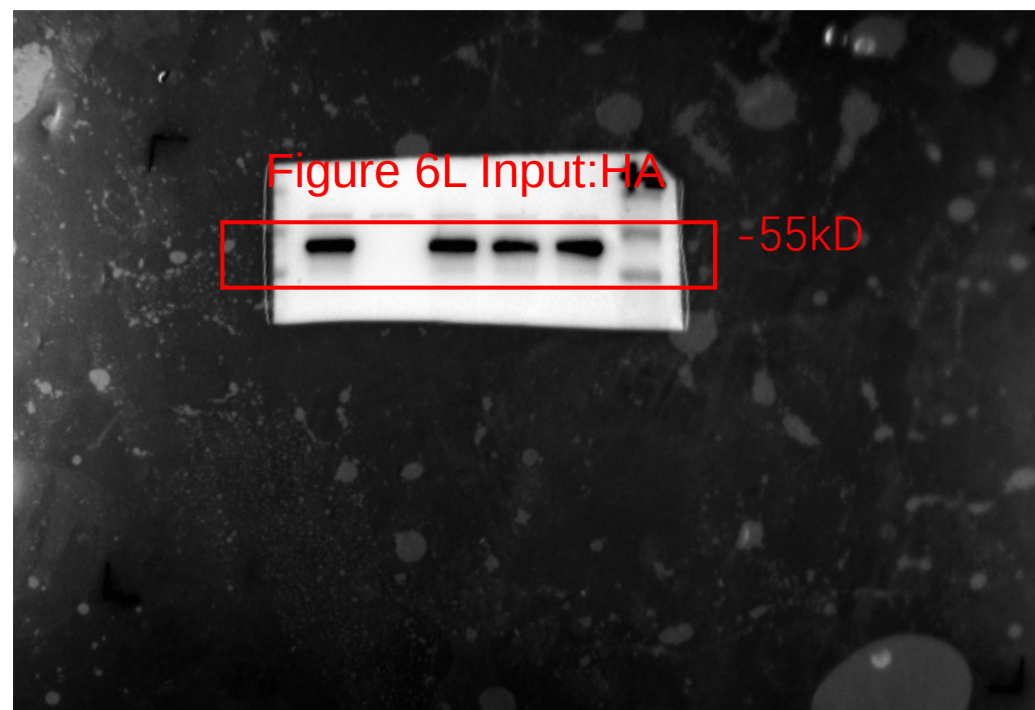


# Figure 6L Ub

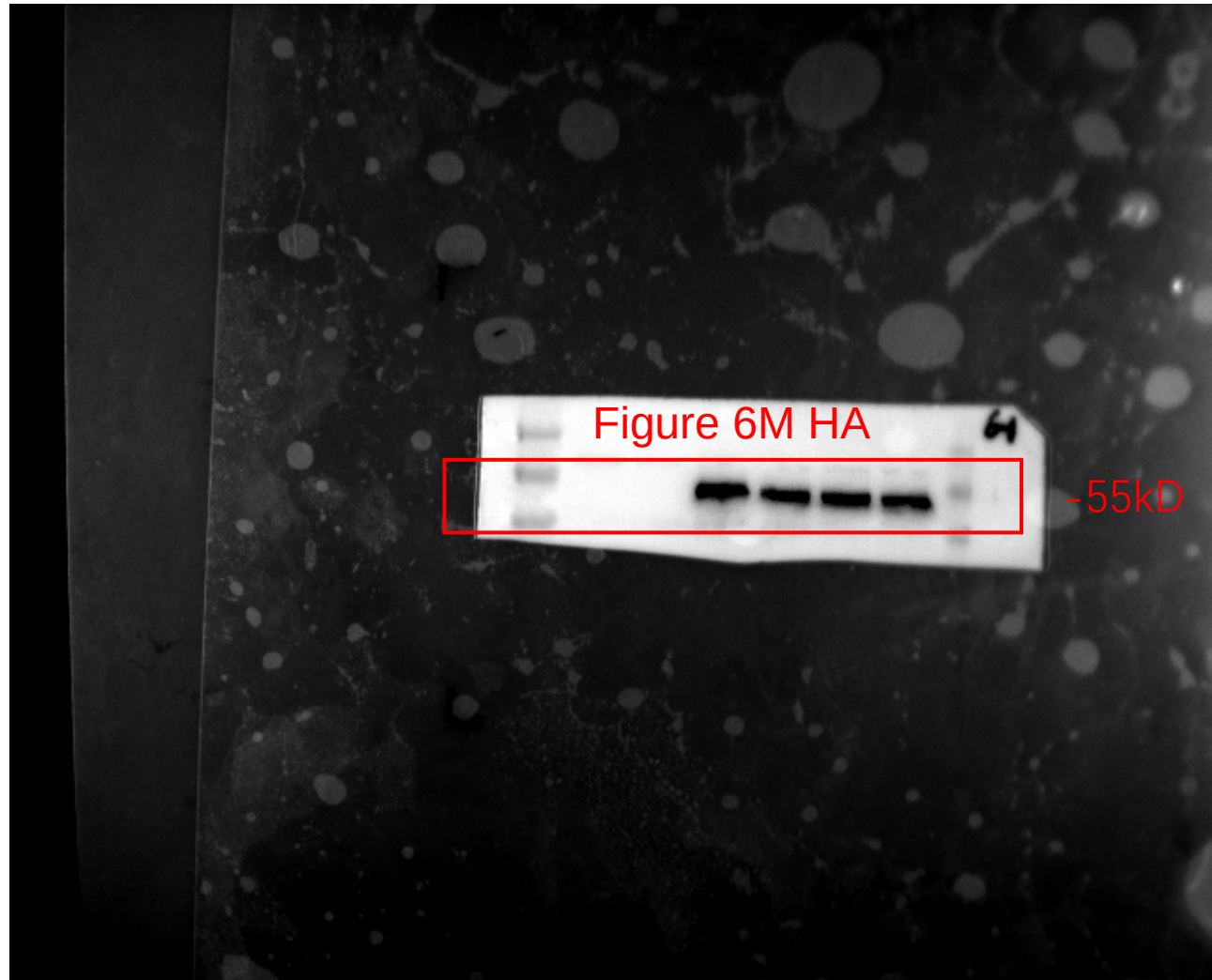




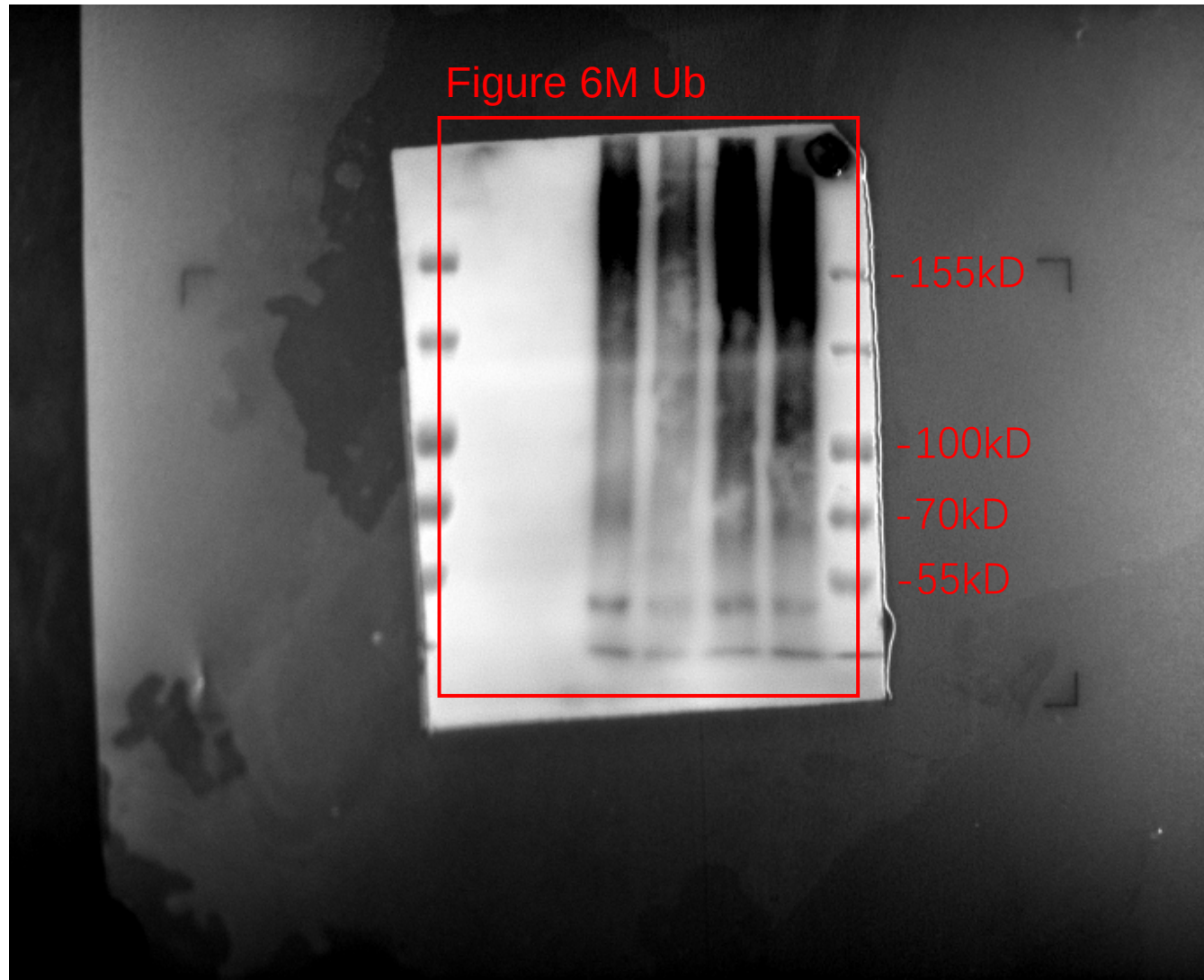
# Figure 6L Input:HA



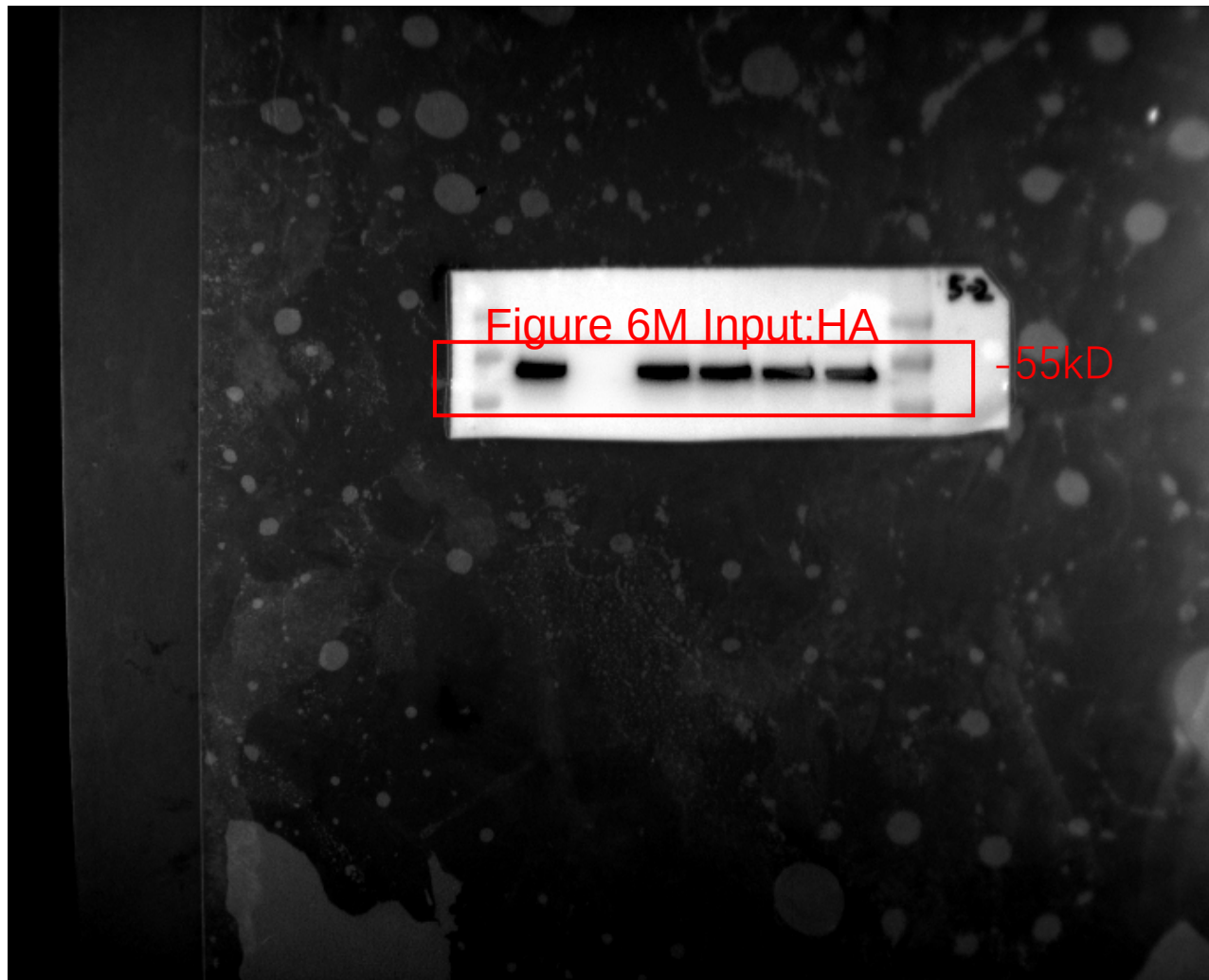
# Figure 6M HA



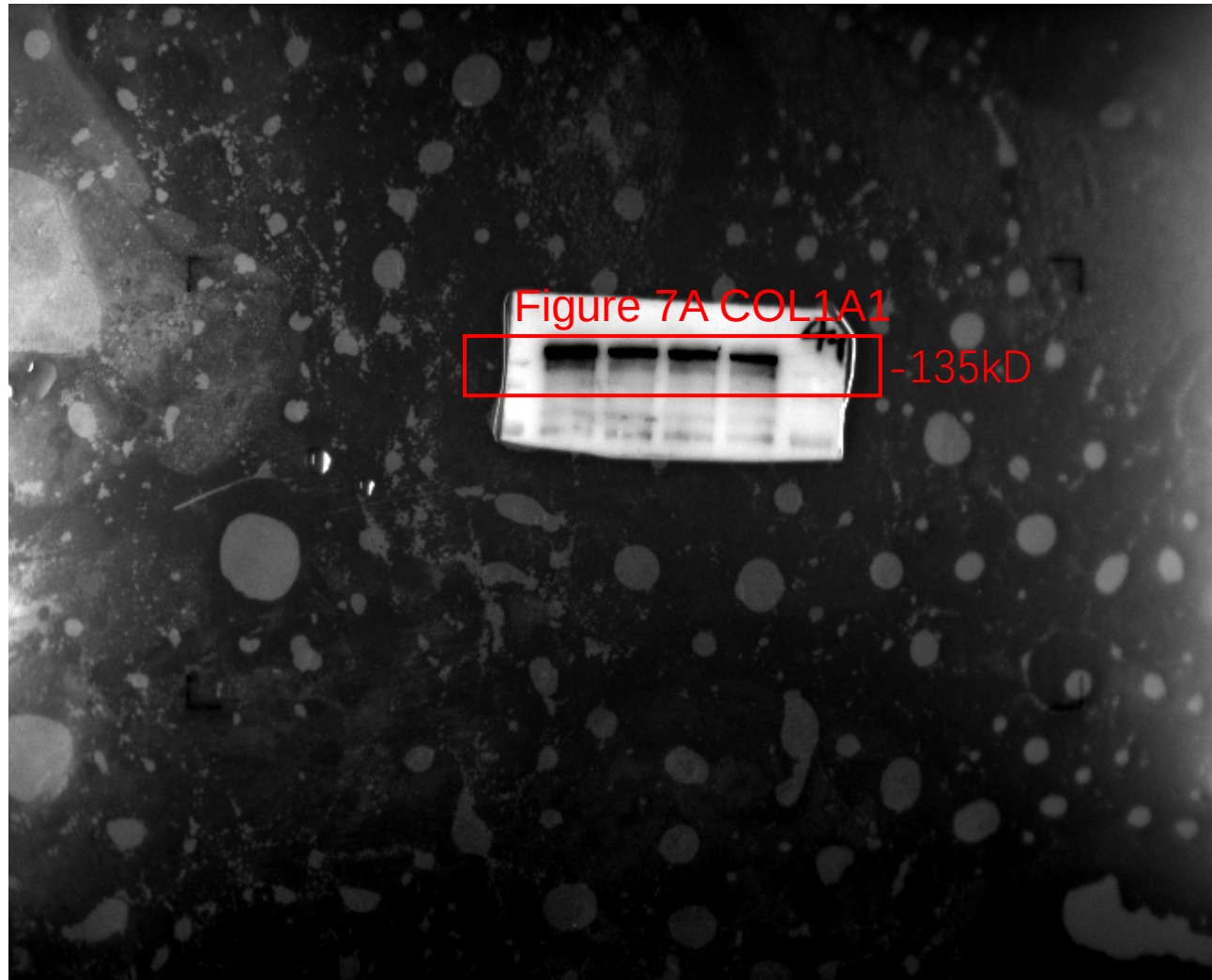
# Figure 6M Ub



# Figure 6M Input:HA

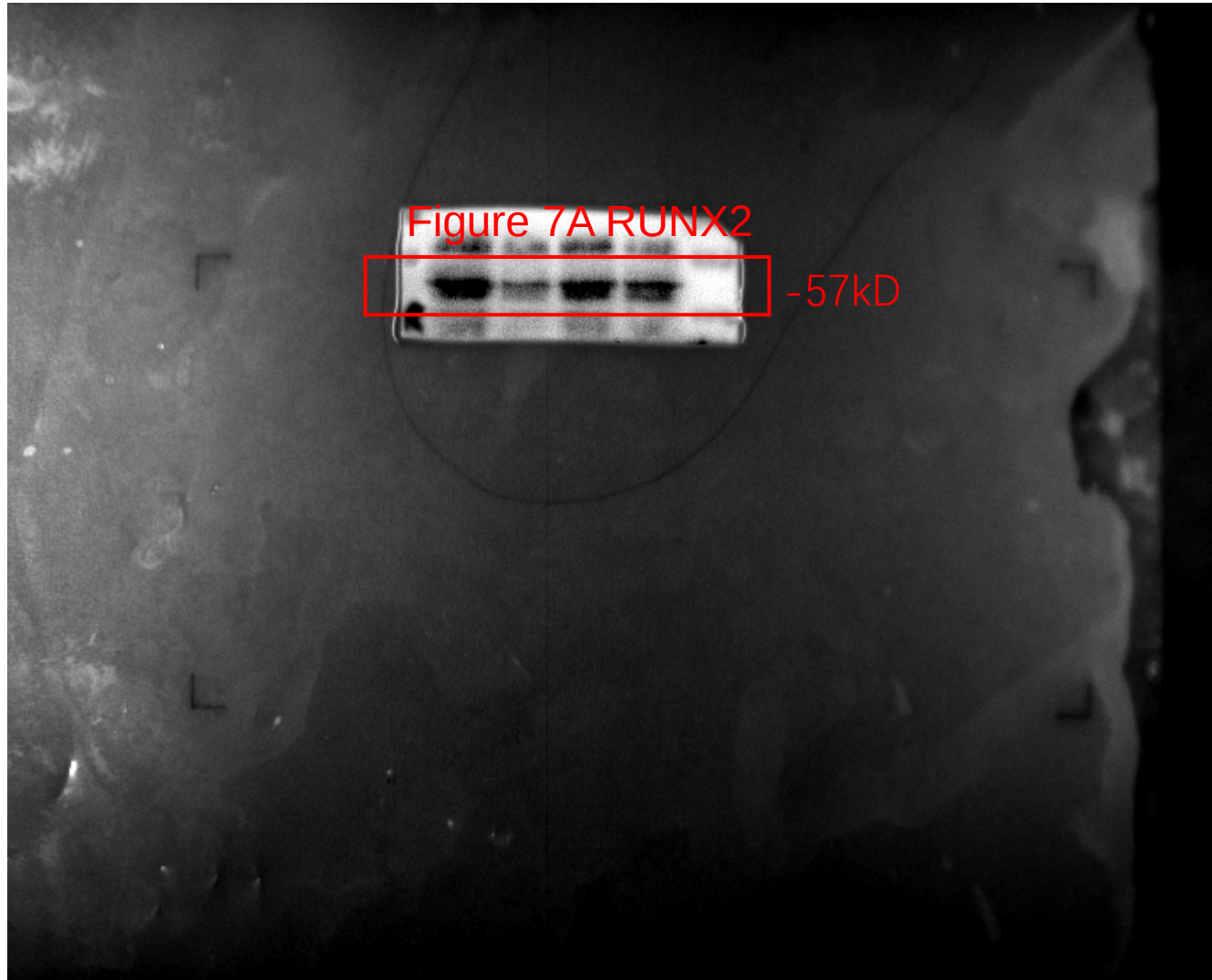


# Figure 7A COL1A1



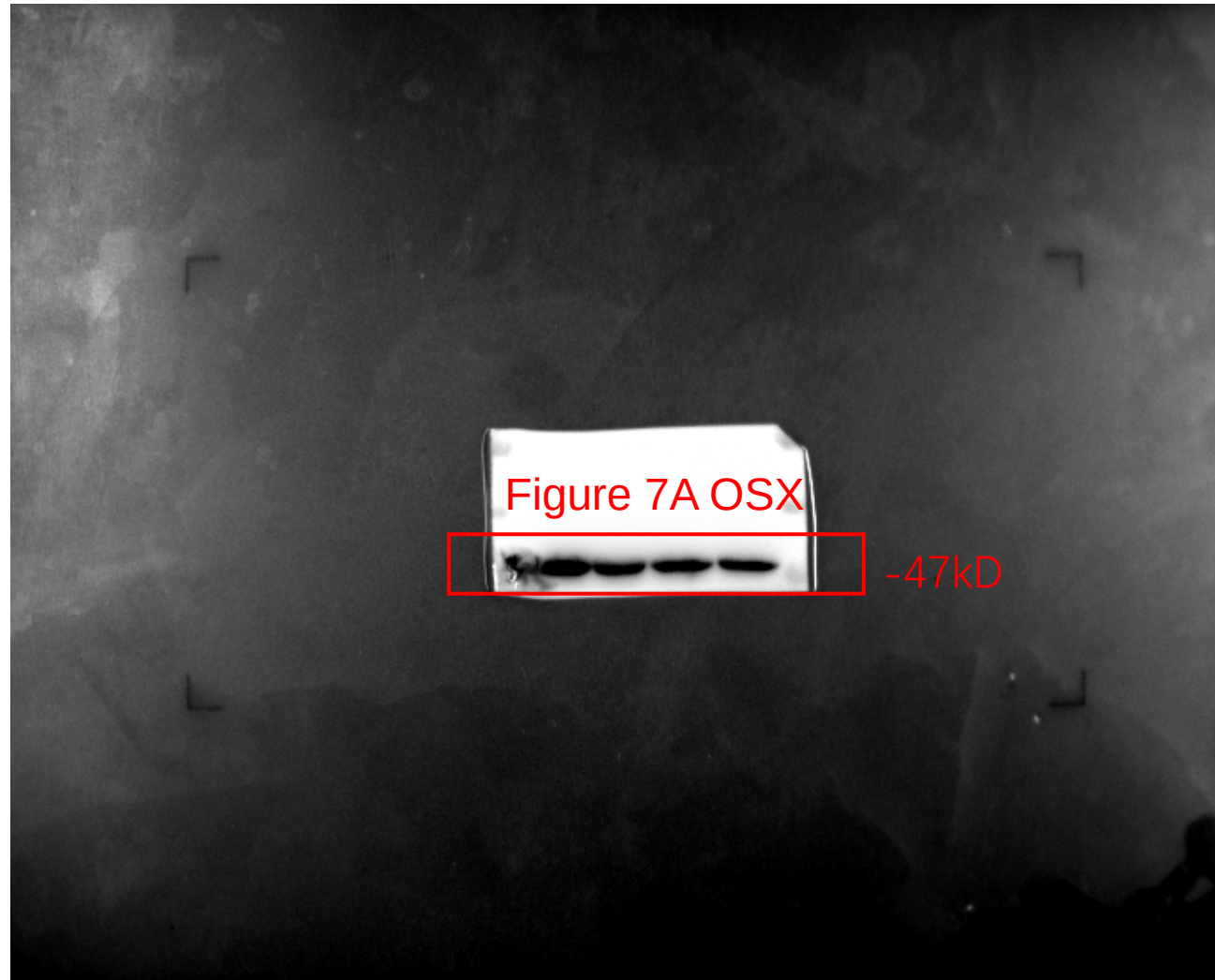


# Figure 7A RUNX2

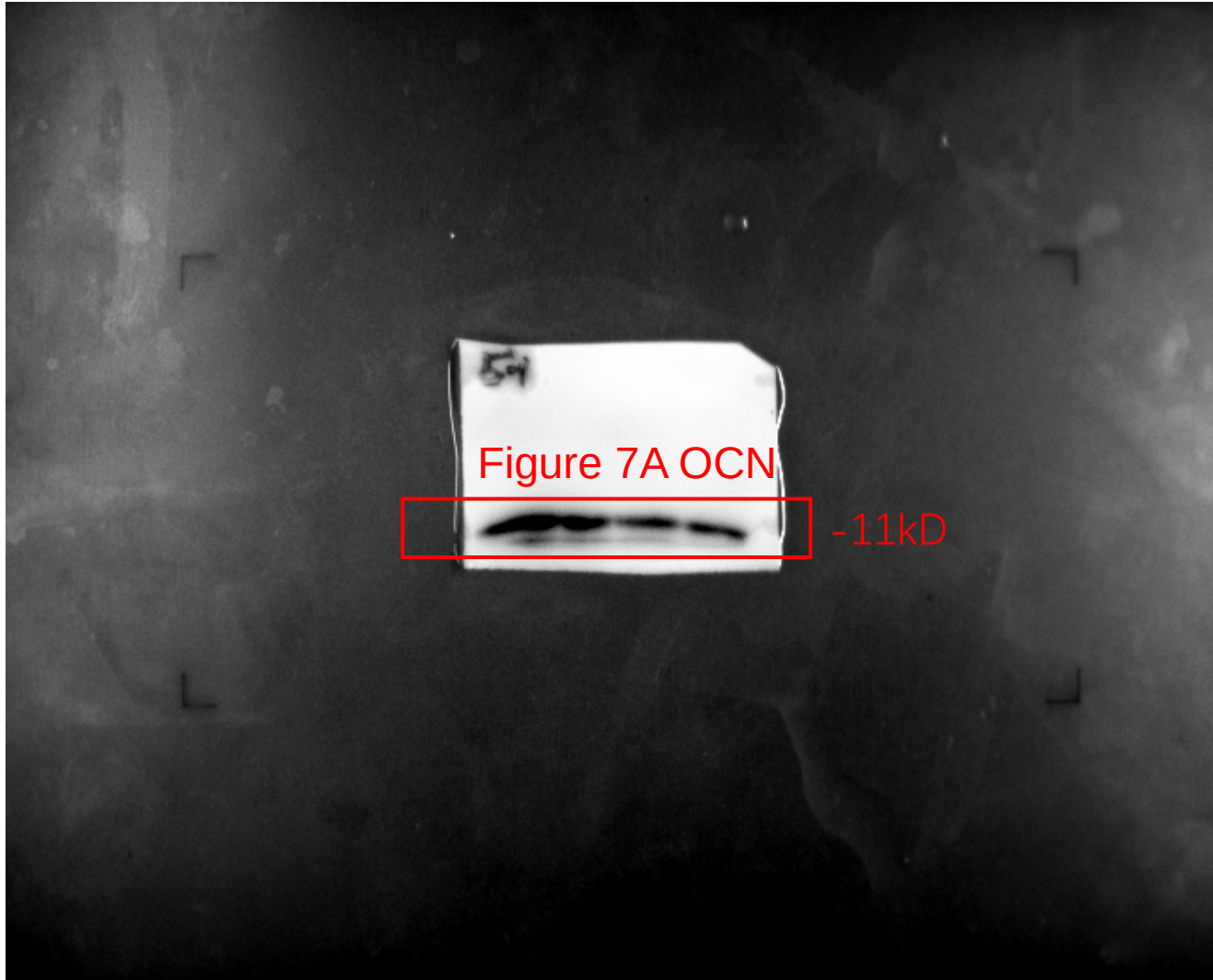




# Figure 7A OSX



# Figure 7A OCN



# Figure 7A GAPDH

