

Supplementary materials

Figure S1. Original western blots for figure 3. Bands on the membranes were captured using two different channels simultaneously i.e. 800 nm (anti-rabbit secondary antibody) and 680 nm channels (anti-mouse secondary antibody).

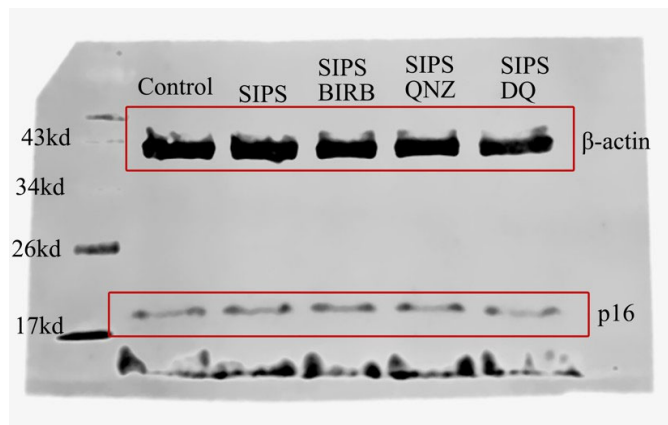
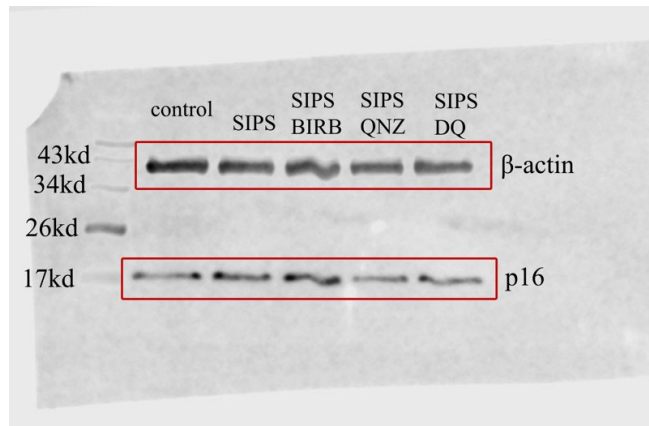
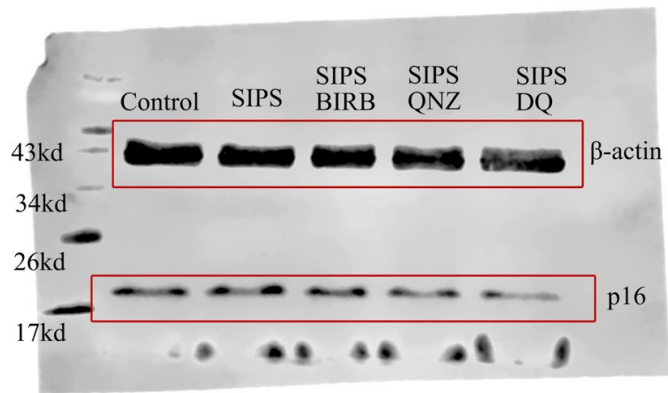
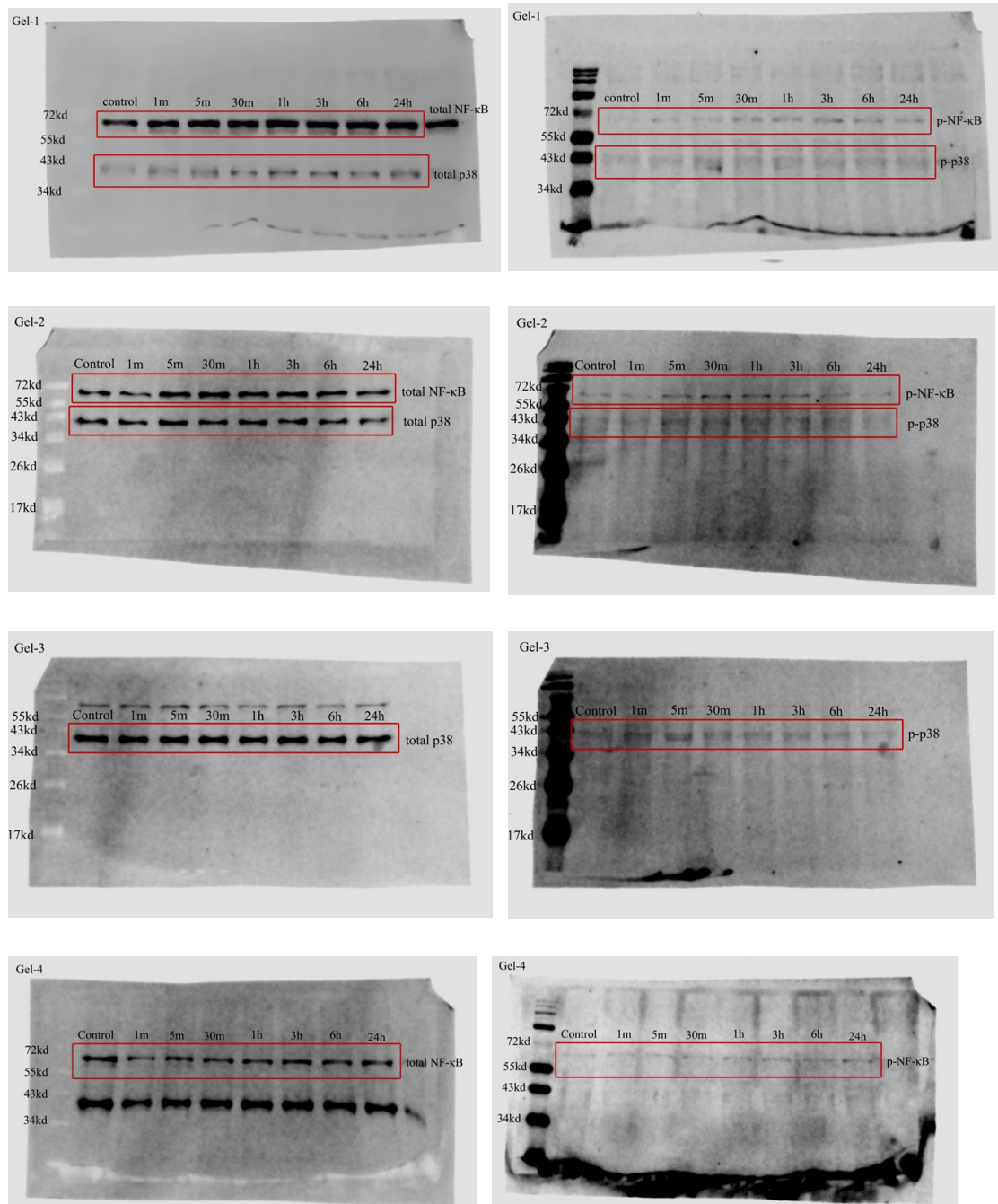


Figure S2. Original western blots for figure 4. Bands on the membranes were captured using two different channels simultaneously i.e. 800 nm (anti-rabbit secondary antibody) and 680 nm channels (anti-mouse secondary antibody).



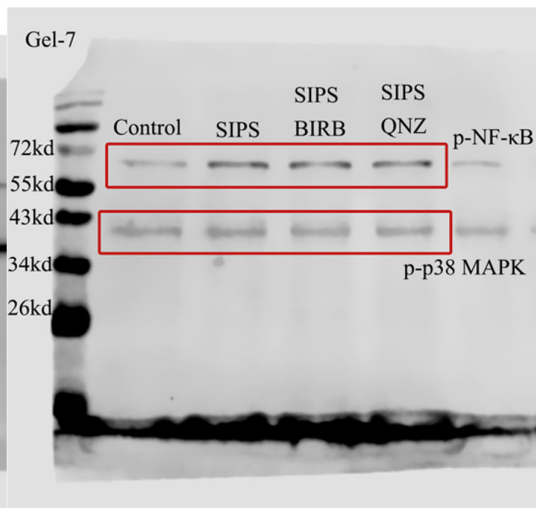
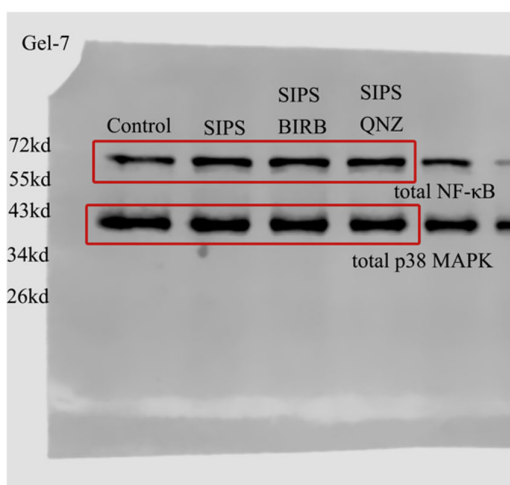
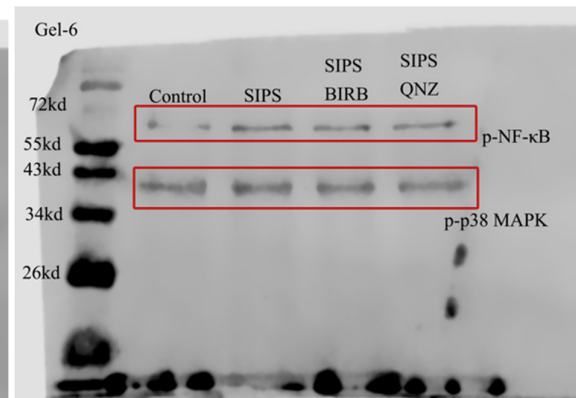
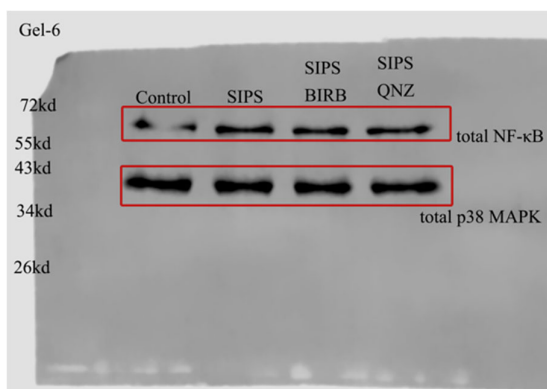
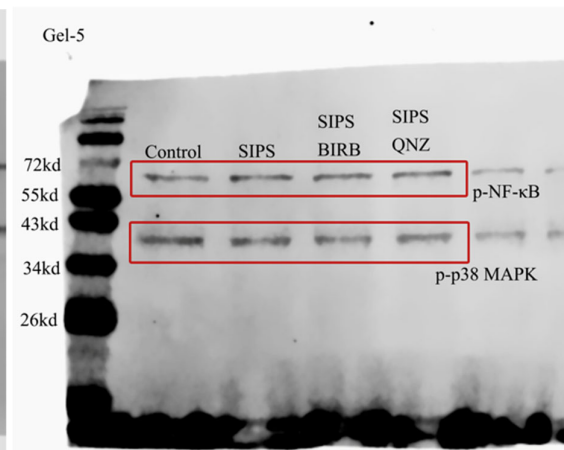
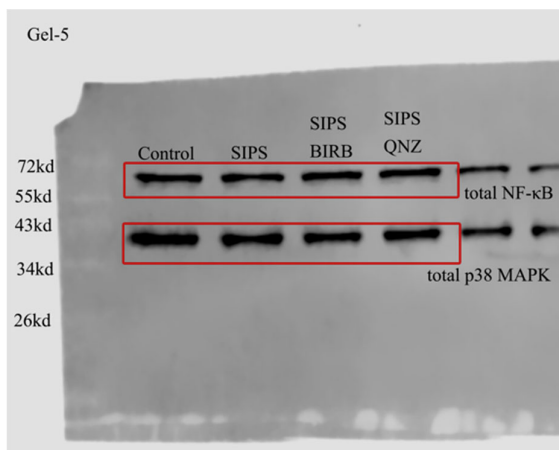
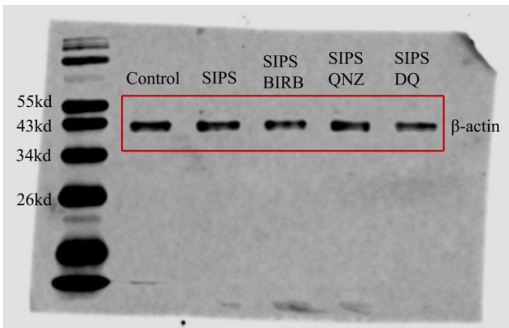
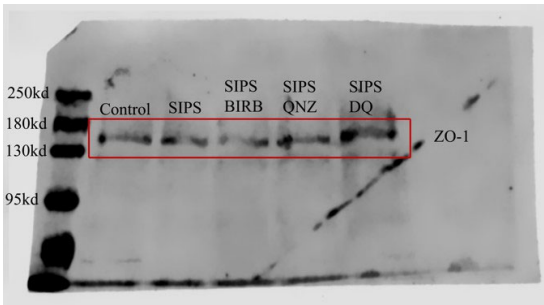
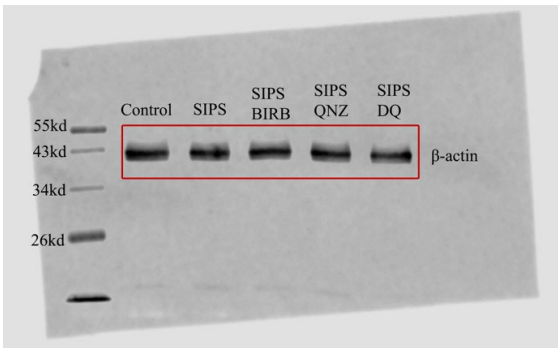
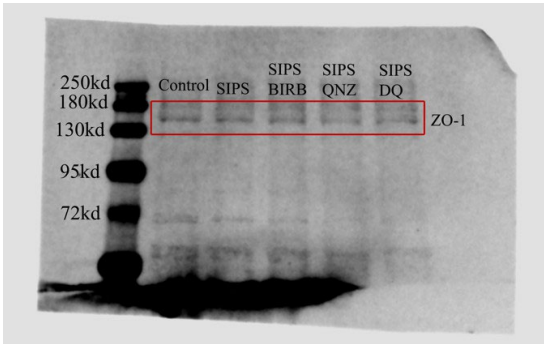
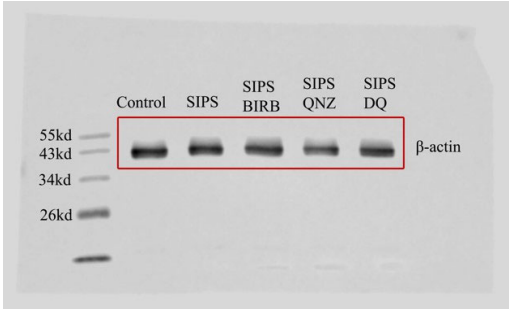
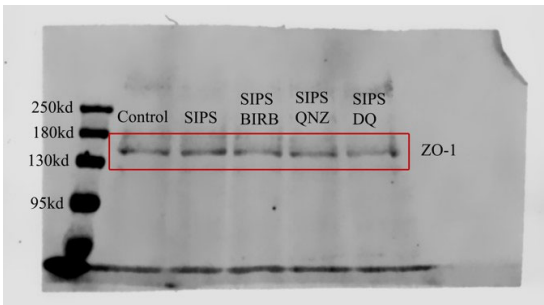
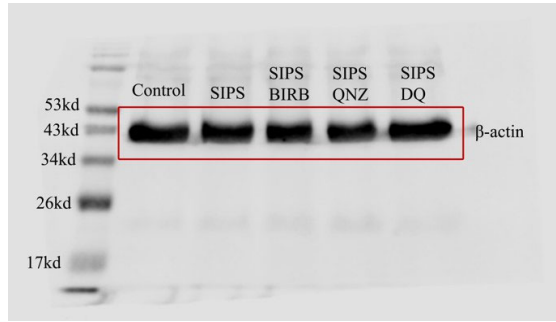
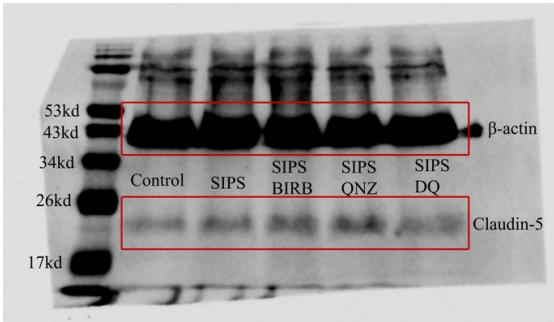
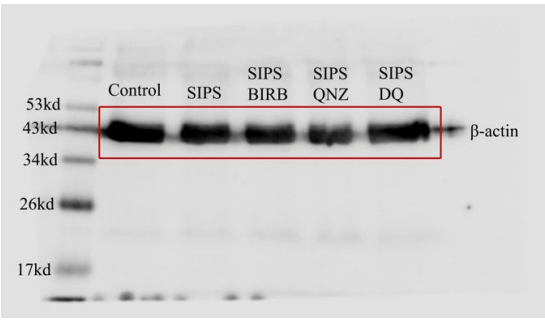
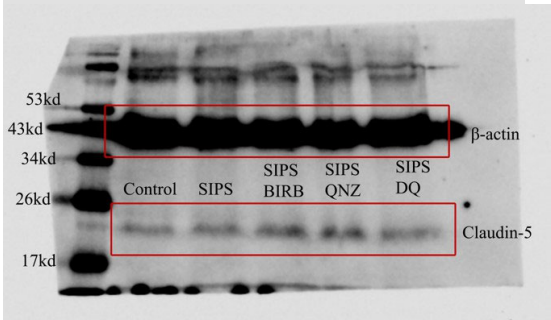
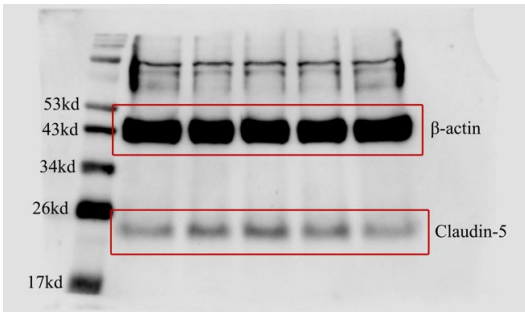


Figure S3. Original western blots and zymography images for figure 7. Bands on the membranes were captured using two different channels simultaneously i.e. 800 nm (anti-rabbit secondary antibody) and 680 nm channels (anti-mouse secondary antibody). Due to high molecular weight of ZO-1, the same protein samples were run on a separate gel to detect β -actin.

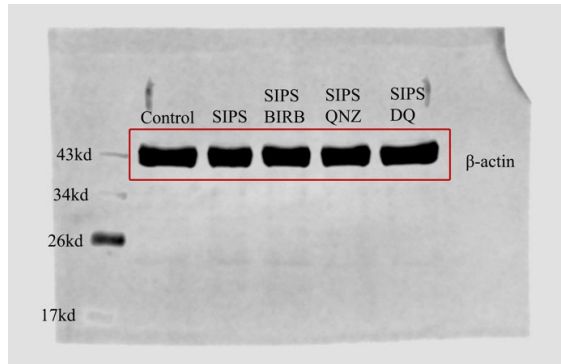
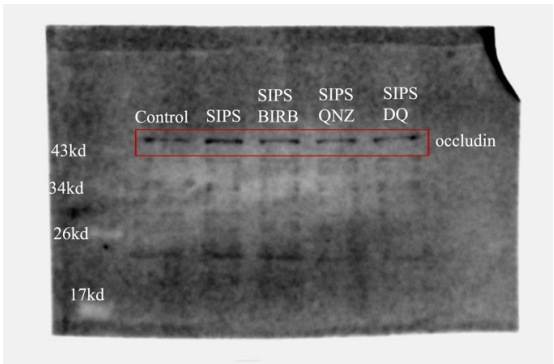
ZO-1

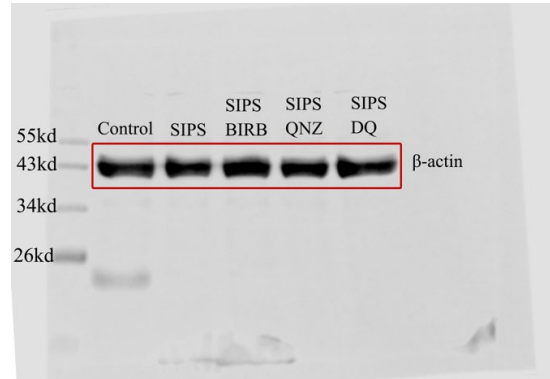
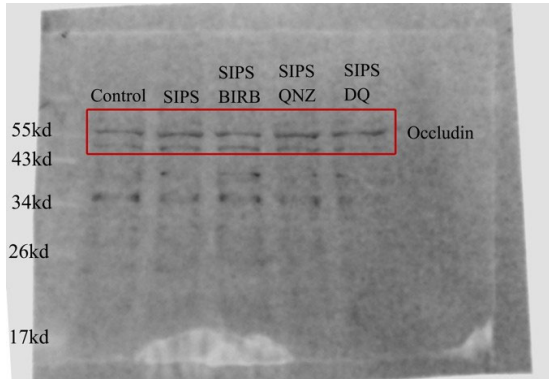
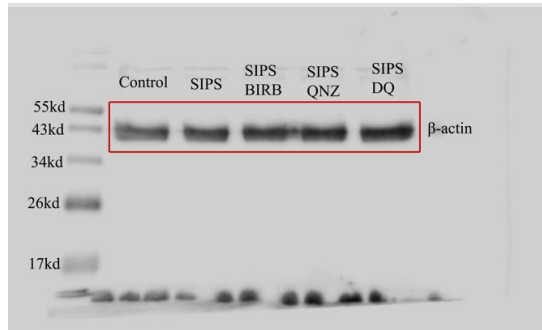
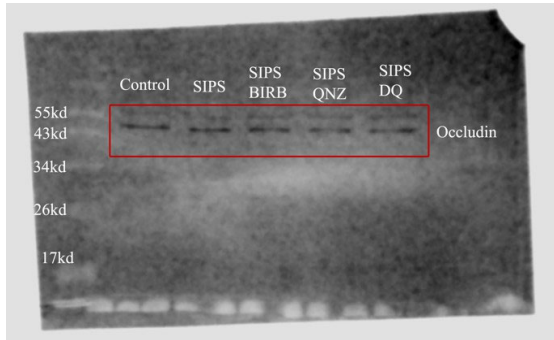


Claudin-5



Occludin





Zymography

