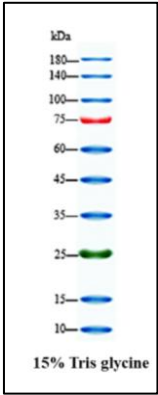


Corresponding to Fig. S7d (PARP1 KO)

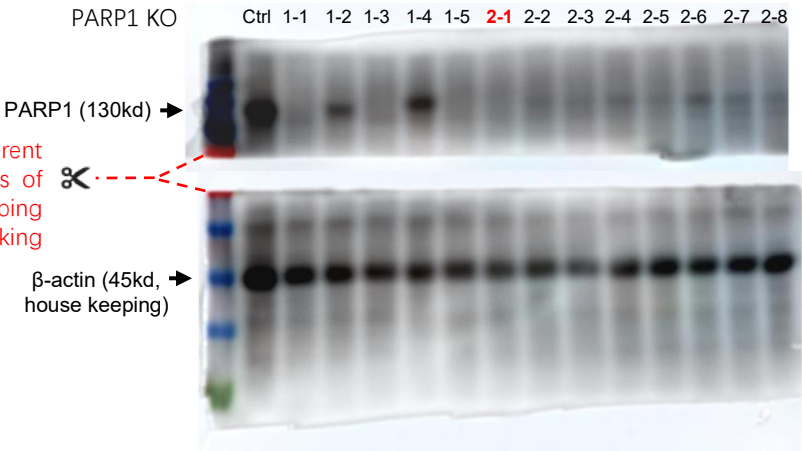
Original scan for PARP1

Original scan for β -actin



Ladder: YEASEN,
#20350ES

One membrane was cut here for different primary antibodies incubation. The blots of the protein of interest and the house keeping are derived from a single experiment, making the results more reliable.

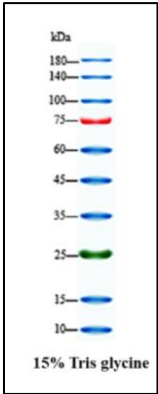
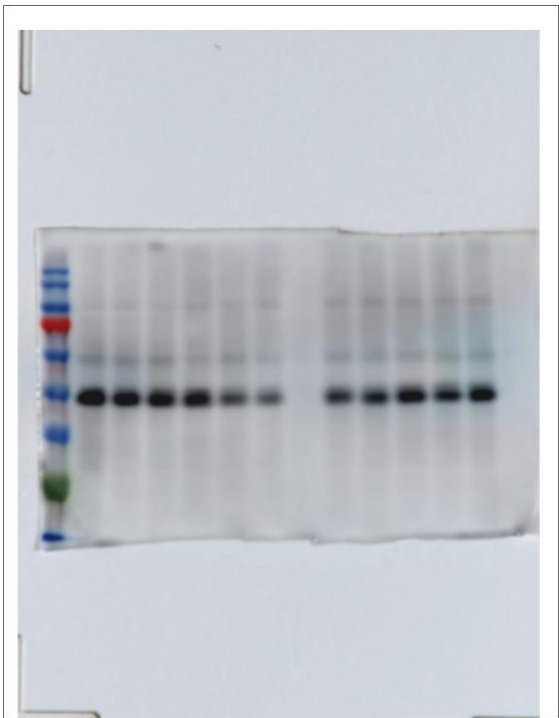


Corresponding to Fig. S7e (FUS KO)

Original scan for FUS



Original scan for β -actin

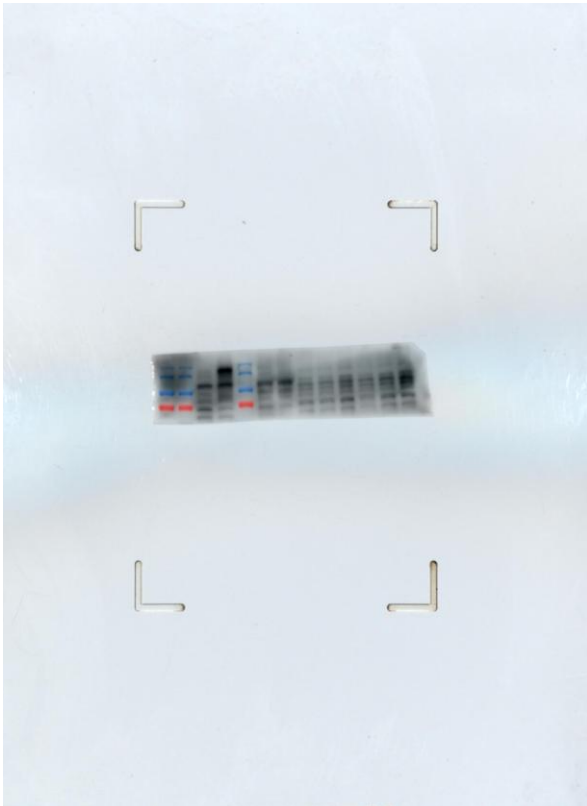


Ladder: YEASEN,
#20350ES

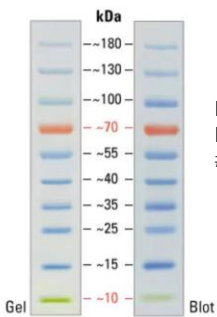
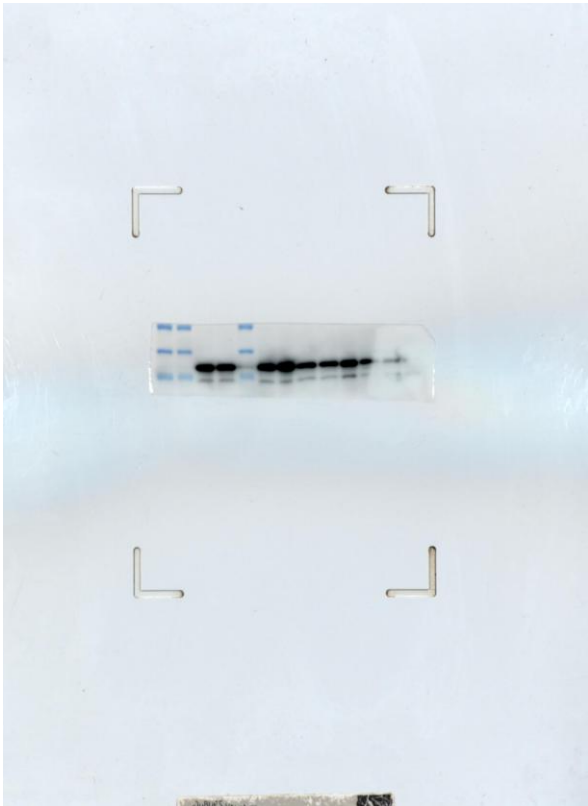
The sizes of the protein of interest and the house keeping are not far away in blots. Therefore, we did not cut the membrane, and run two independent gels to show them, respectively.

Corresponding to the blots in response letter (CTNNB1 KO)

Original scan for β -catenin



Original scan for GAPDH



Ladder: Thermo Fisher Scientific, #26616

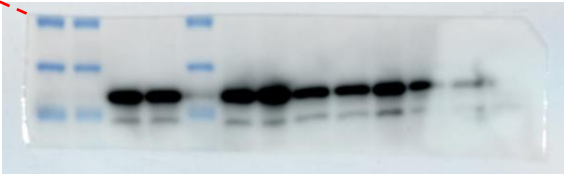
KO CTNNB1

sgEV EV1 EV2 1-1 1-6 2-1 2-2

β -catenin (100kd) →



GAPDH (36kd) →



One membrane was cut here for different antibodies incubation. The blots of the protein of interest and the house keeping are derived from a single experiment, making the results more reliable. To stretch the area of 100-130kd more, the area below 25kd has been run away from electrophoresis tank when running electrophoresis gel.