

A20 undermines alternative NF- κ B activity and expression of anti-apoptotic genes in *Helicobacter pylori* infection

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Supplementary Figure 1: Infection by *H. pylori* activates the alternative NF- κ B pathway.

HKC-8 and NCI-N87 cells were infected with *H. pylori* for the times shown. Total cell lysates (a) or cytosolic (Cyt) and soluble nuclear (N1) fractions (b) were isolated and analyzed for the indicated proteins by IB. A representative blot of at least two experiments was shown.

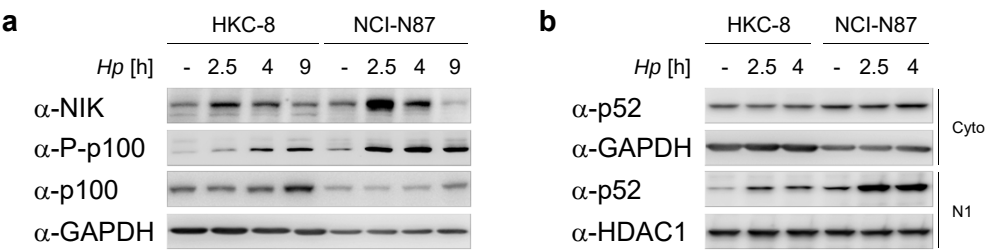
Supplementary Figure 2: A20 contributes to the down-regulation of alternative NF- κ B in *H. pylori* infection

a WT, A20^{KO-1} and A20^{KO-2} AGS cells were infected with *H. pylori* P12 strain. **b** AGS cells were transfected with non-target-specific siRNA (scr) or siRNAs targeting A20 (A20^{si-5} or A20^{si-9}) for 48 h prior to infection with *H. pylori* P1 strain. **c** Same procedure as (b), except NCI-N87 cells were used. (a-c) Total cell lysates were analyzed by IB. A representative blot of at least two experiments was shown.

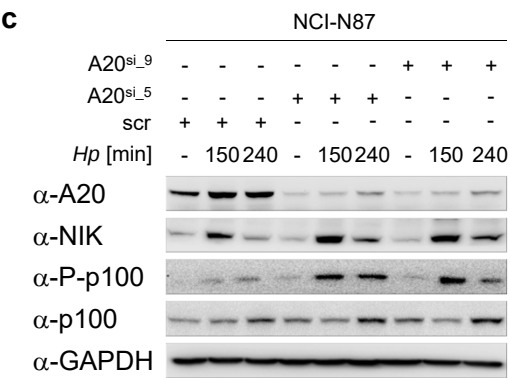
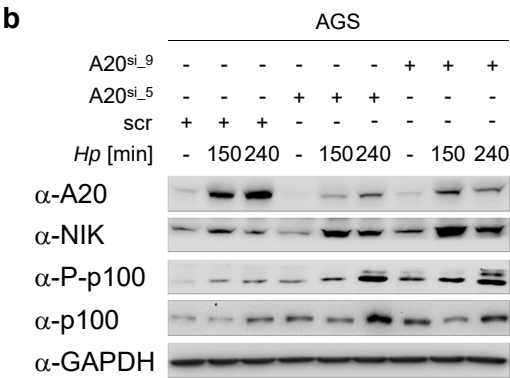
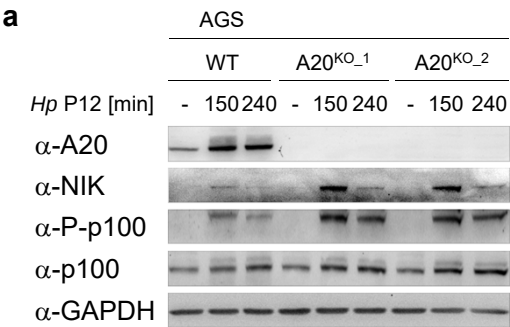
Supplementary Figure 3: Depletion of TRAF3 has no effect on the interaction of A20 with the TIFA/NIK regulatory complex

a AGS cells were transfected with non-target-specific siRNA (scr) or siRNAs targeting TRAF3 for 48 h prior to infection with *H. pylori*. Total cell lysates were used for IP with an antibody against TIFA or isotype-matched IgG. Eluates were analyzed by IB. A representative blot of at least two experiments was shown.

Supplementary Fig. 1



Supplementary Fig. 2



Supplementary Fig. 3

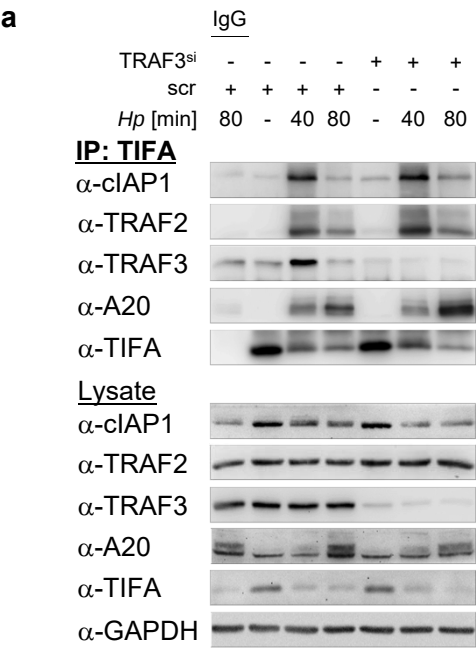


Fig. 1 Uncropped blots

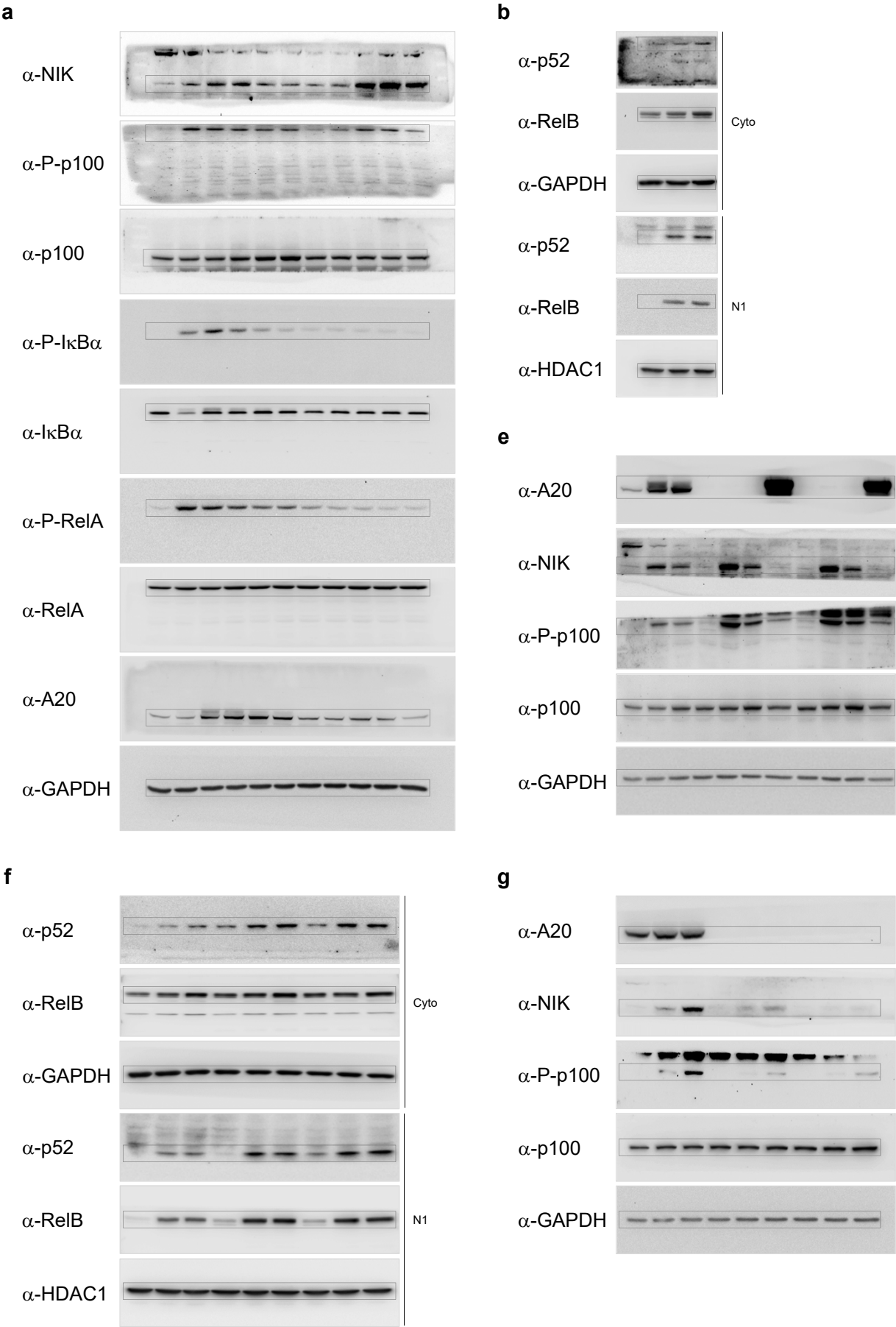
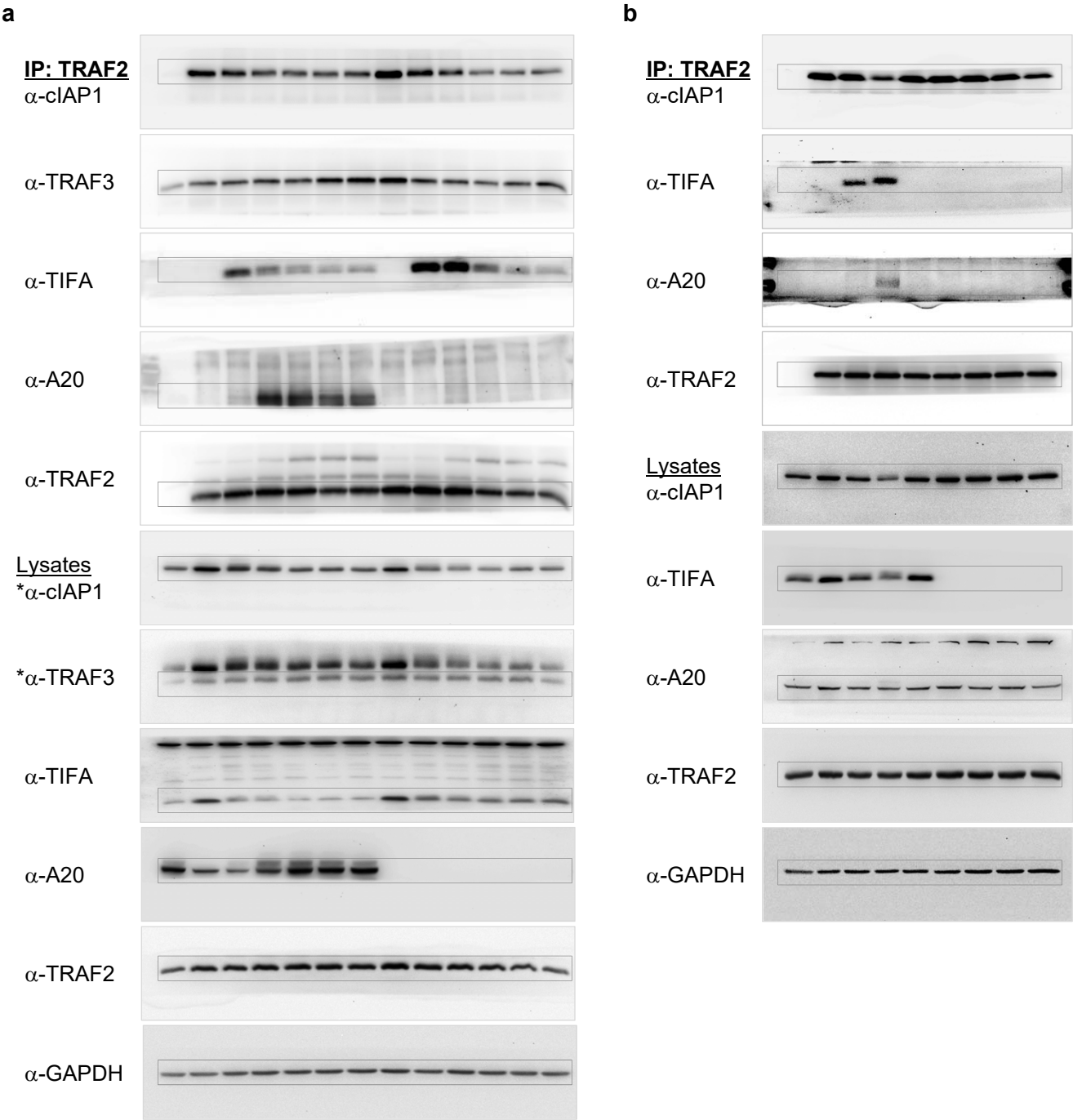
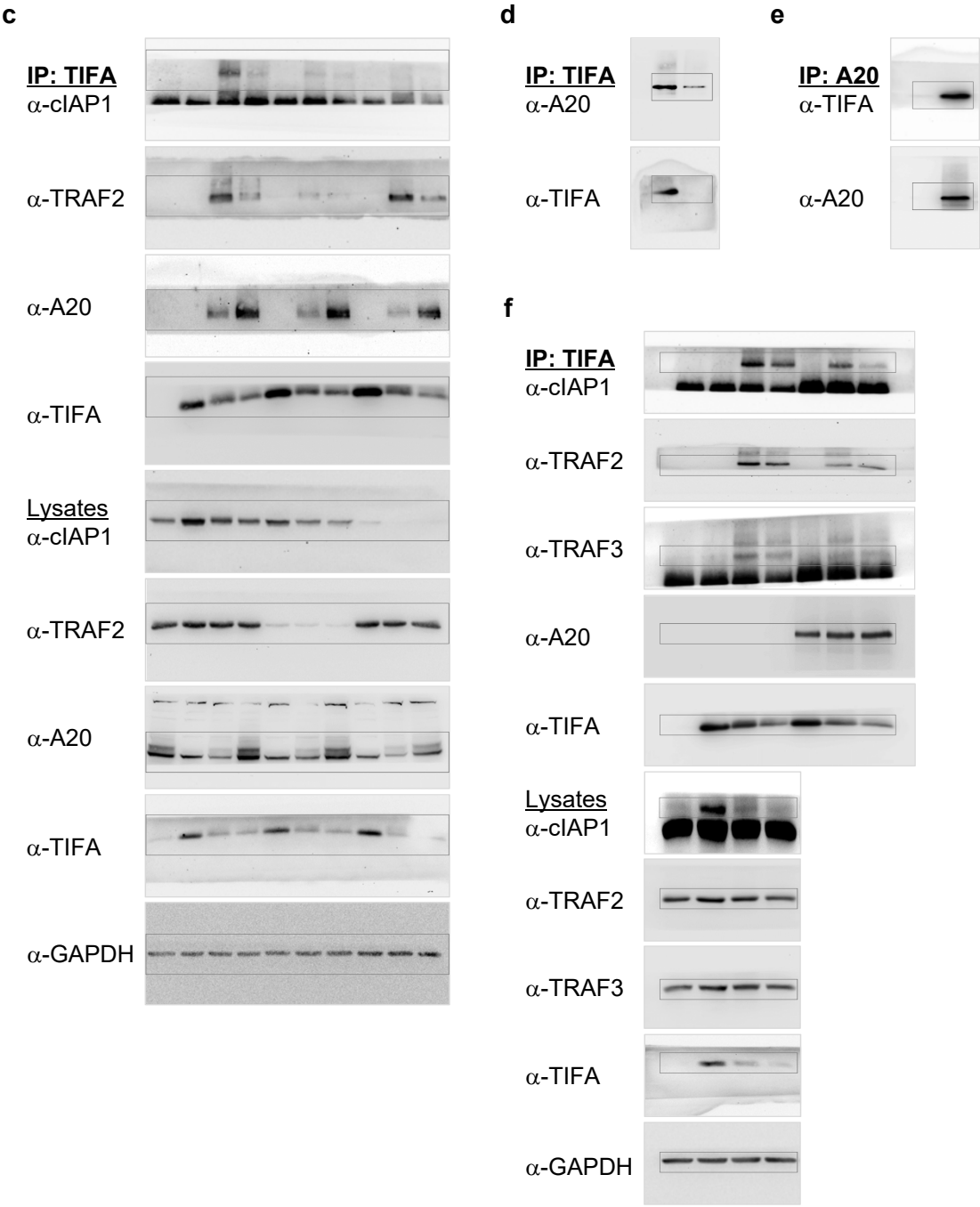


Fig. 2 Uncropped blots

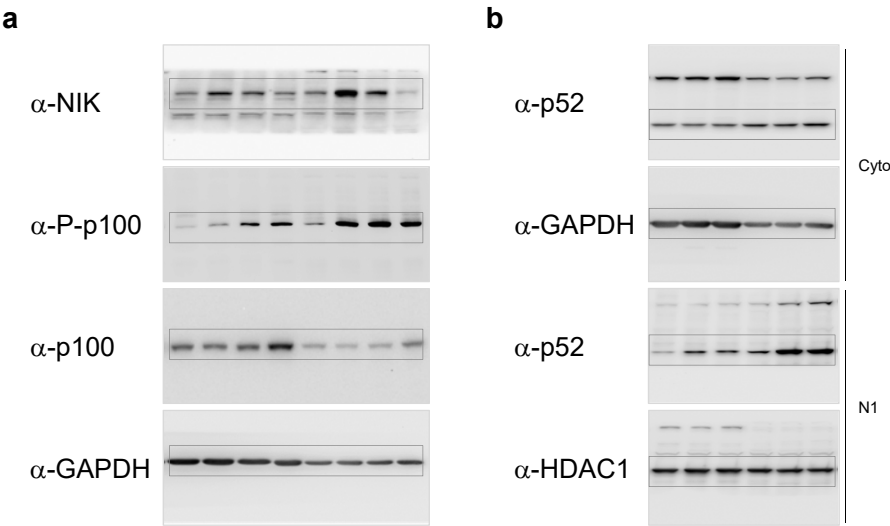


*This is the same IB strip where cIAP1 was probed first, followed by TRAF3

Fig. 2 Uncropped blots

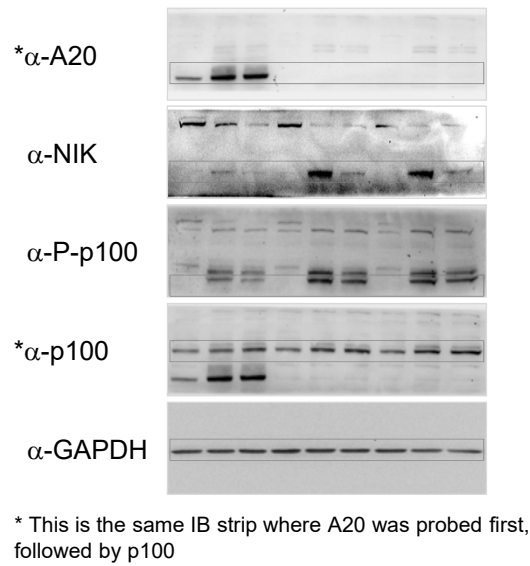


Supplementary Fig. 1

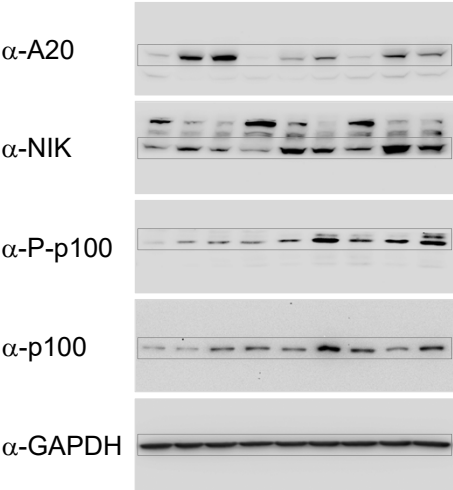


Supplementary Fig. 2

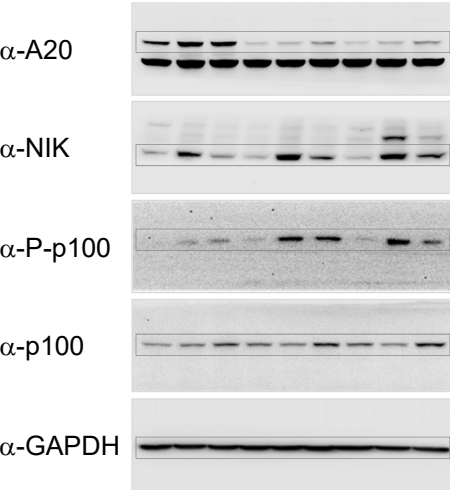
a



b



c



Supplementary Fig. 3

a

