

Western blot of mouse kidney protein probed with the anti-pSer982 antibody showing immunodepletion by pSer982 peptide (Pep2) as well as pS2r928/pSer985 peptide (Pep3)

Antigen: CKKKKG**p**SLDSD

Anti-pS982 antibody

Pep1	CKKKKG S LDSD
Pep2	CKKKKG p SLDSD
Pep3	KKKKG p SLD p SDNDD



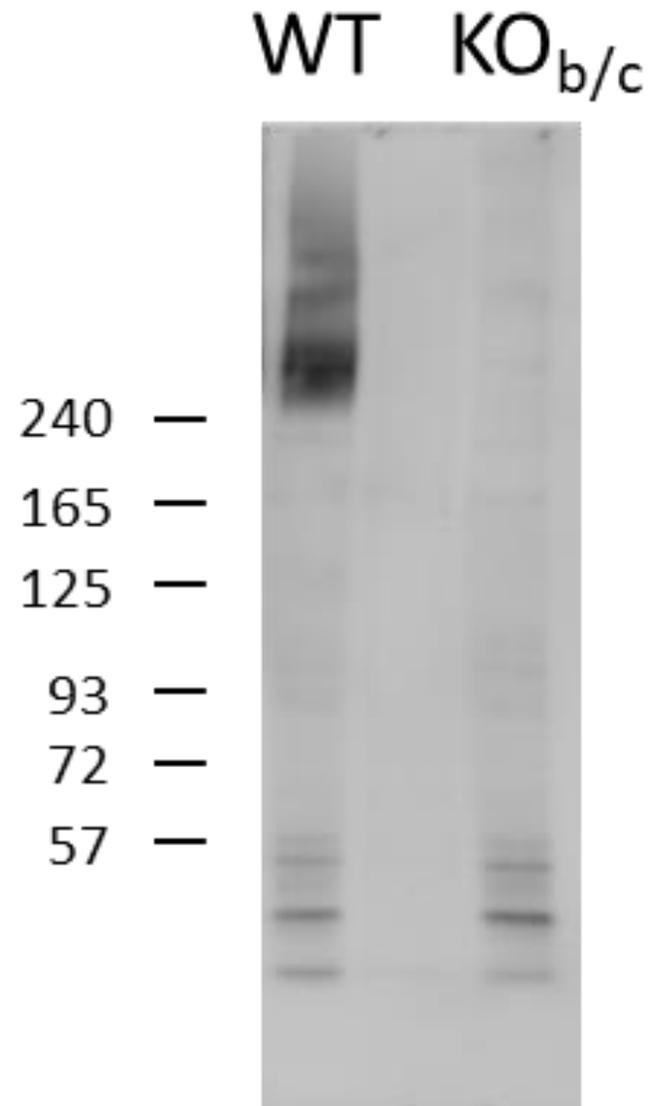
The three panels are triplicate blots from a single image. Dotted lines emphasize the outlines of the blots.

Preabsorption Peptide:

Pep1

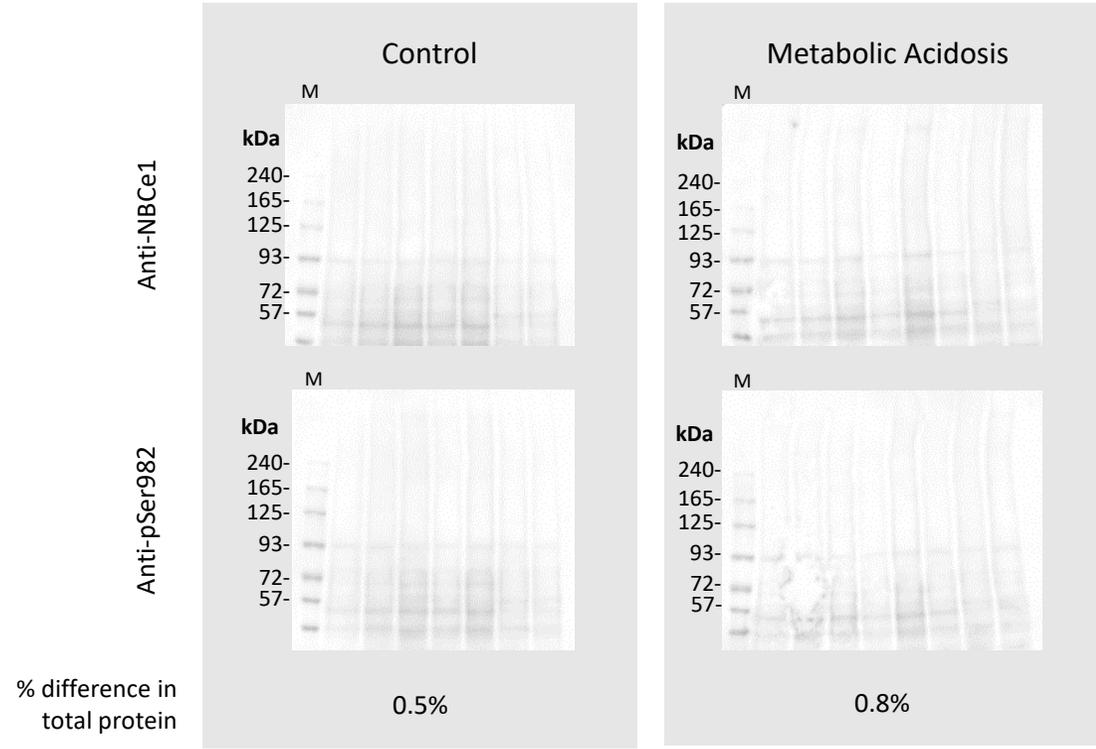
Pep1 + Pep2

Pep1 + Pep3



WT= wild-type mouse

KO_{b/c}= NBCe1^{b/c} null mouse (Salerno et al., 2019)



Western blots within experimental groups (Control and Acidosis) were identically loaded. To confirm equal transfer of protein, PVDF membranes were stained with the reversible Memcode total-protein stain, and the average intensity of the entire blot was assessed with Fiji. The percent difference in average intensity was calculated between the two “Control” blots, and the two “Metabolic Acidosis” blots. M= marker lane.