

## NKCC2 Recombinant Rabbit mAb

Catalog: BS46343

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

This gene encodes a kidney-specific sodium-potassium-chloride cotransporter that is expressed on the luminal membrane of renal epithelial cells of the thick ascending limb of Henle's loop and the macula densa. It plays a key role in concentrating urine and accounts for most of the NaCl resorption. It is sensitive to such diuretics as furosemide and bumetanide. Some Bartter-like syndromes result from defects in this gene. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Additional splice variants have been described but their biological validity in humans has not been experimentally proven.[provided by RefSeq, May 2010]

### Product:

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

### Molecular Weight:

150 kDa

### Swiss-Prot:

Q13621

### Purification&Purity:

### Affinity Purification

### Applications:

WB: 1:1000&lt;br /&gt;FC: 1:20-1:100

### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Isotype:

IgG

### DATA:



Western blot detection of SLC12A1/NKCC2 in HeLa cell lysates using SLC12A1/NKCC2 antibody(1:1000 diluted).

### Note:

For research use only, not for use in diagnostic procedure.

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