

Anti-SLC12A1 / NKCC2 Rabbit Monoclonal Antibody
Catalog # ABO16405**Specification****Anti-SLC12A1 / NKCC2 Rabbit Monoclonal Antibody - Product Information**

Application	WB
Primary Accession	Q13621
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

Description

Anti-SLC12A1 / NKCC2 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human.

Anti-SLC12A1 / NKCC2 Rabbit Monoclonal Antibody - Additional Information

Gene ID 6557

Other Names

Solute carrier family 12 member 1, Bumetanide-sensitive sodium-(potassium)-chloride cotransporter 2, Kidney-specific Na-K-Cl symporter, SLC12A1, NKCC2
{ECO:0000303|PubMed:8640224}

Calculated MW

150 kDa KDa

Application Details

WB 1:500-1:2000

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human SLC12A1 / NKCC2

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-SLC12A1 / NKCC2 Rabbit Monoclonal Antibody - Protein Information

Name SLC12A1

Synonyms NKCC2 {ECO:0000303|PubMed:8640224}

Function

Renal sodium, potassium and chloride ion cotransporter that mediates the transepithelial NaCl reabsorption in the thick ascending limb and plays an essential role in the urinary concentration and volume regulation (PubMed:21321328). Electrically silent transporter system (By similarity).

Cellular Location

Apical cell membrane; Multi-pass membrane protein

Tissue Location

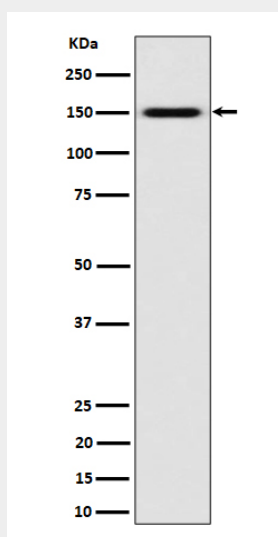
Kidney; localizes to the thick ascending limbs (at protein level).

Anti-SLC12A1 / NKCC2 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-SLC12A1 / NKCC2 Rabbit Monoclonal Antibody - Images



Western blot analysis of SLC12A1 / NKCC2 expression in K562 cell lysate.