

SLC12A1 / NKCC2 Antibody (aa43-57)
Goat Polyclonal Antibody
Catalog # ALS13856**Specification**

SLC12A1 / NKCC2 Antibody (aa43-57) - Product Information

Application	IHC
Primary Accession	Q13621
Reactivity	Human, Monkey
Host	Goat
Clonality	Polyclonal
Calculated MW	121kDa KDa

SLC12A1 / NKCC2 Antibody (aa43-57) - 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

Target/Specificity

Human SLC12A1.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

SLC12A1 / NKCC2 Antibody (aa43-57) is for research use only and not for use in diagnostic or therapeutic procedures.

SLC12A1 / NKCC2 Antibody (aa43-57) - 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

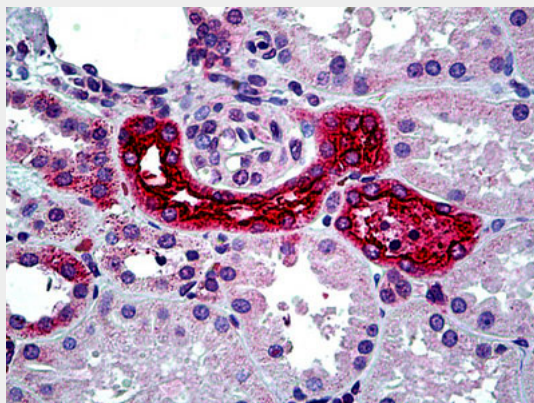
Tissue Location

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

SLC12A1 / NKCC2 Antibody (aa43-57) - 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](#)

SLC12A1 / NKCC2 Antibody (aa43-57) - Images

Anti-SLC12A1 antibody IHC of human kidney.

SLC12A1 / NKCC2 Antibody (aa43-57) - Background

Electrically silent transporter system. Mediates sodium and chloride reabsorption. Plays a vital role in the regulation of ionic balance and cell volume.

SLC12A1 / NKCC2 Antibody (aa43-57) - References

- Simon D.B.,et al.Nat. Genet. 13:183-188(1996).
Di Fulvio M.,et al.Submitted (NOV-2007) to the EMBL/GenBank/DDBJ databases.
Zody M.C.,et al.Nature 440:671-675(2006).
Cruz-Rangel S.,et al.Am. J. Physiol. 301:C601-C608(2011).