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SLC12A2 / NKCC1 Antibody (Internal)

Goat Polyclonal Antibody
Catalog # ALS14276

Specification

SLC12A2 / NKCC1 Antibody (Internal) - Product Information

Application	**IHC**
Primary Accession	P55011
Reactivity	**Human, Pig, Chicken, Horse, Bovine, Dog**
Host	**Goat**
Clonality	**Polyclonal**
Calculated MW	**131kDa KDa**

SLC12A2 / NKCC1 Antibody (Internal) - Additional Information

Gene ID 6558

Other Names
Solute carrier family 12 member 2, Basolateral Na-K-Cl symporter, Bumetanide-sensitive sodium-(potassium)-chloride cotransporter 1, SLC12A2, NKCC1

Target/Specificity
Human SLC12A2 / NKCC1.

Reconstitution & Storage
Store at -20°C. Minimize freezing and thawing.

Precautions
SLC12A2 / NKCC1 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

SLC12A2 / NKCC1 Antibody (Internal) - Protein Information

Name SLC12A2

Function
Cation-chloride cotransporter which mediates the electroneutral transport of chloride, potassium and/or sodium ions across the membrane (PubMed:32081947, PubMed:33597714, PubMed:32294086, PubMed:7629105, PubMed:16669787). Plays a vital role in the regulation of ionic balance and cell volume (PubMed:32081947, PubMed:32294086, PubMed:7629105, PubMed:16669787).

Cellular Location
Basolateral cell membrane; Multi-pass membrane protein

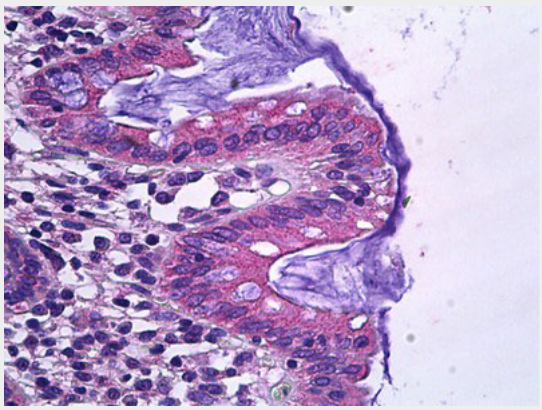
Tissue Location
Expressed in many tissues.

SLC12A2 / NKCC1 Antibody (Internal) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SLC12A2 / NKCC1 Antibody (Internal) - Images



Anti-SLC12A2 / NKCC1 antibody IHC of human colon, epithelium.

SLC12A2 / NKCC1 Antibody (Internal) - Background

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

SLC12A2 / NKCC1 Antibody (Internal) - References

Payne J.A.,et al.J. Biol. Chem. 270:17977-17985(1995).
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Cruz-Rangel S.,et al.Am. J. Physiol. 301:C601-C608(2011).