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SLC12A2 Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF3080a

Specification

SLC12A2 Antibody (internal region) - Product Information

Application	**IHC**
Primary Accession	P55011
Other Accession	NP_001037.1, 6558, 20496 (mouse), 83629 (rat)
Reactivity	**Human**
Predicted	**Mouse, Rat, Dog, Cow**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**131447**

SLC12A2 Antibody (internal region) - 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

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
SLC12A2 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

SLC12A2 Antibody (internal region) - 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:<a

href="http://www.uniprot.org/citations/7629105" target="_blank">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

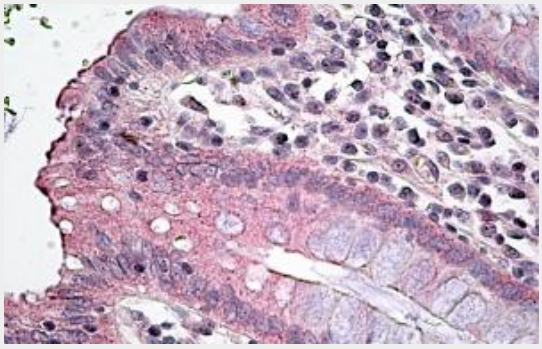
Tissue Location
Expressed in many tissues.

SLC12A2 Antibody (internal region) - 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 Antibody (internal region) - Images



AF3080a (3.8 µg/ml) staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

SLC12A2 Antibody (internal region) - References

Analysis of gene polymorphisms associated with K ion circulation in the inner ear of patients susceptible and resistant to noise-induced hearing loss. Pawelczyk M, Van Laer L, Fransen E, Rajkowska E, Konings A, Carlsson PI, Borg E, Van Camp G, Sliwinska-Kowalska M, Annals of human genetics 2009 Jul 73 (Pt 4): 411-21. PMID: 19523148