

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
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:16669787, PubMed:32081947, PubMed:32294086, PubMed:33597714, PubMed:35585053, PubMed:36239040, PubMed:36306358, PubMed:7629105). Plays a vital role in the regulation of ionic balance and cell volume (PubMed:16669787, PubMed:32081947, PubMed:32294086, PubMed:7629105).

Cellular Location

Basolateral cell membrane; Multi-pass membrane protein

Tissue Location

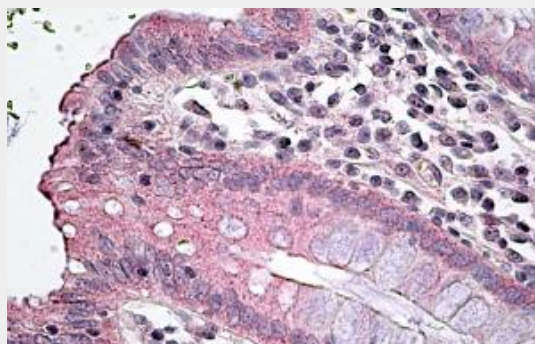
Expressed in many tissues.

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 Cytometry](#)
- [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, Sliwinski-Kowalska M, Annals of human genetics 2009 Jul 73 (Pt 4): 411-21. PMID: 19523148