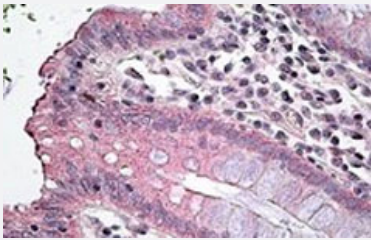


SLC12A2 polyclonal antibody

Catalog # PAB18746 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

SLC12A2 polyclonal antibody (Cat # PAB18746) (3.8 ug/mL) staining of paraffin embedded human colon. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of SLC12A2.
Immunogen	A synthetic peptide corresponding to internal region of human SLC12A2.
Sequence	C-NALQHSIRLSGVEDH
Host	Goat
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:64000) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (4-6 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — SLC12A2

Entrez GeneID[6558](#)**Protein Accession#**[NP_001037.1](#)**Gene Name**

SLC12A2

Gene Alias

BSC, BSC2, MGC104233, NKCC1

Gene Description

solute carrier family 12 (sodium/potassium/chloride transporters), member 2

Omim ID[600840](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

By moving chloride into epithelial cells, the Na-K-Cl cotransporter SLC12A2 aids transcellular movement of chloride across both secretory and absorptive epithelia (Payne et al., 1995 [PubMed 7629105]). See also SLC12A1 (MIM 600839) and SLC12A3 (MIM 600968).[supplied by OMIM]

Other Designations

basolateral Na-K-Cl symporter|bumetanide-sensitive sodium-(potassium)-chloride cotransporter 1

Pathway

- [Vibrio cholerae infection](#)

Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)