

SLC13A1 Rabbit pAb

SLC13A1 Rabbit pAb

Catalog # AP57918

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9BZW2
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	66134
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SLC13A1
Epitope Specificity	171-270/595
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4.
SUBCELLULAR LOCATION	Membrane; Multi-pass membrane protein.
DISEASE	Inhibited by thiosulfate, selenate, molybdate, tungstate, citrate and succinate.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	SLC13A1 is a sodium/sulfate cotransporter that mediates sulfate reabsorption in the kidney. Function : Sodium/sulfate cotransporter that mediates sulfate reabsorption in the kidney.

Additional Information

Gene ID	6561
Other Names	Solute carrier family 13 member 1, Renal sodium/sulfate cotransporter, Na(+)/sulfate cotransporter, hNaSi-1, SLC13A1, NAS1, NASI1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	SLC13A1
Synonyms	NAS1, NASI1

Function	Sodium:sulfate symporter that mediates sulfate reabsorption in the kidney and small intestine (PubMed: 11161786 , PubMed: 38552027 , PubMed: 39576865). Can also mediate the transport of selenate and thiosulfate (By similarity).
Cellular Location	Apical cell membrane {ECO:0000250 UniProtKB:Q07782}; Multi-pass membrane protein
Tissue Location	Highly expressed in kidney; not detectable in the other tissues tested.

Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.