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SLC23A2 Rabbit pAb

Catalog # AP98020

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q9UGH3
Other Accession	Q9UGH3
Predicted	Rat, Human, Mouse, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	70337
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SLC23A2
Epitope Specificity	551-650/650
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4.
SIMILARITY	Belongs to the xanthine/uracil permease family. Nucleobase:cation symporter-2 (NCS2) (TC 2.A.40) subfamily.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The absorption of vitamin C into the body and its distribution to organs requires two sodium-dependent vitamin C transporters. This gene encodes one of the two required transporters and the encoded protein accounts for tissue-specific uptake of vitamin C. Previously, this gene had an official symbol of SLC23A1. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	9962
Other Names	NBTL1; SLC23A1; SVCT2; YSPL2; YSPL3; mKIAA0238; S23A2_HUMAN; SLC23A2; Na(+)/L-ascorbic acid transporter 2; Nucleobase transporter-like 1 protein; Sodium-dependent vitamin C transporter 2 (hSVCT2); Yolk sac permease-like molecule 2; KIAA0238; Q80Y23_MOUSE; S23A2_MOUSE; Sodium-dependent vitamin C transporter 2 (SVCT-2 | mSVCT2); S23A2_RAT; Sodium-dependent vitamin C transporter 2; solute carrier family 23 member 2; solute carrier family 23 (nucleobase transporters), member 1; solute carrier family 23 (ascorbic acid transporter), member 2
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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	SLC23A2
Function	Sodium/ascorbate cotransporter (PubMed: 10471399, PubMed:10556521). Mediates electrogenic uptake of vitamin C, with a stoichiometry of 2 Na(+) for each ascorbate (PubMed:10471399).
Cellular Location	Cell membrane; Multi-pass membrane protein
Tissue Location	Ubiquitous..

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