

SLC23A2 Rabbit pAb

Catalog # AP98020

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q9UGH3
Other Accession	Q9UGH3
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'.