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SLC23A2 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP8652a

Product Information

Application	WB, E
Primary Accession	Q9UGH3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB18500
Calculated MW	70337
Antigen Region	2-30

Additional Information

Gene ID	9962
Other Names	Solute carrier family 23 member 2, Na(+)/L-ascorbic acid transporter 2, Nucleobase transporter-like 1 protein, Sodium-dependent vitamin C transporter 2, hSVCT2, Yolk sac permease-like molecule 2, SLC23A2, KIAA0238, NBTL1, SLC23A1, SVCT2, YSPL2
Target/Specificity	This SLC23A2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 2-30 amino acids from the N-terminal region of human SLC23A2.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	SLC23A2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

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..

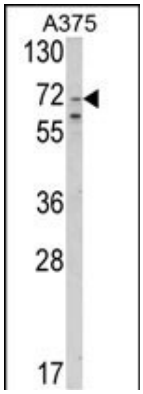
Background

The absorption of vitamin C into the body and its distribution to organs requires two sodium-dependent vitamin C transporters. TSLC23A2 accounts for tissue-specific uptake of vitamin C.

References

Hogue,D.L. ,et.al., Genomics 59 (1), 18-23 (1999)

Images



Western blot analysis of SLC23A2 Antibody (N-term) (Cat. #AP8652a) in A375 cell line lysates (35ug/lane). SLC23A2 (arrow) was detected using the purified Pab.