

**SLC23A2 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP8652a****Specification**

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**SLC23A2 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q9UGH3](#)**SLC23A2 Antibody (N-term) Blocking Peptide - 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**

The synthetic peptide sequence used to generate the antibody [AP8652a](/products/AP8652a) was selected from the N-term region of human SLC23A2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**SLC23A2 Antibody (N-term) Blocking Peptide - Protein Information****Name** SLC23A2**Function**

Sodium/ascorbate cotransporter (PubMed:[10471399](http://www.uniprot.org/citations/10471399), PubMed:[10556521](http://www.uniprot.org/citations/10556521)). Mediates electrogenic uptake of vitamin C, with a stoichiometry of 2 Na(+) for each ascorbate (PubMed:[10471399](http://www.uniprot.org/citations/10471399)).

**Cellular Location**

Cell membrane; Multi-pass membrane protein

**Tissue Location**

Ubiquitous..

### **SLC23A2 Antibody (N-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

### **SLC23A2 Antibody (N-term) Blocking Peptide - Images**

### **SLC23A2 Antibody (N-term) Blocking Peptide - 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.

### **SLC23A2 Antibody (N-term) Blocking Peptide - References**

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