

**SLC28A2 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16185a****Specification**

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**SLC28A2 Antibody (N-term) Blocking Peptide - Product Information**

Primary Accession [O43868](#)  
Other Accession [NP\\_004203.2](#)

**SLC28A2 Antibody (N-term) Blocking Peptide - Additional Information**

**Gene ID** 9153

**Other Names**

Sodium/nucleoside cotransporter 2, Concentrative nucleoside transporter 2, CNT 2, hCNT2, Na(+)/nucleoside cotransporter 2, Sodium-coupled nucleoside transporter 2, Sodium/purine nucleoside co-transporter, SPNT, Solute carrier family 28 member 2, SLC28A2, CNT2

**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.

**SLC28A2 Antibody (N-term) Blocking Peptide - Protein Information**

**Name** SLC28A2

**Synonyms** CNT2

**Function**

Sodium-dependent and purine-selective transporter (PubMed:<a href="http://www.uniprot.org/citations/10087507" target="\_blank">10087507</a>, PubMed:<a href="http://www.uniprot.org/citations/9435697" target="\_blank">9435697</a>). Exhibits the transport characteristics of the nucleoside transport system cif or N1 subtype (N1/cif) (selective for purine nucleosides and uridine) (PubMed:<a href="http://www.uniprot.org/citations/10087507" target="\_blank">10087507</a>, PubMed:<a href="http://www.uniprot.org/citations/21795683" target="\_blank">21795683</a>, PubMed:<a href="http://www.uniprot.org/citations/9435697" target="\_blank">9435697</a>). Plays a critical role in specific uptake and salvage of purine nucleosides in kidney and other tissues (PubMed:<a href="http://www.uniprot.org/citations/9435697" target="\_blank">9435697</a>). May contribute to regulate the transport of organic compounds in testes across the blood-testis- barrier (Probable).

**Cellular Location**

Membrane; Multi-pass membrane protein. Apicolateral cell membrane; Multi-pass membrane protein. Note=Localized to the apicolateral membranes of Sertoli cells and vascular endothelial cells in testis

**Tissue Location**

Expressed in heart and skeletal muscle followed by liver, kidney, intestine, pancreas, placenta and brain (PubMed:9435697). Weak expression in lung (PubMed:9435697). In testis, primarily localized to the apicolateral membranes of Sertoli cells and vascular endothelial cells, and weakly expressed in Leydig cells, peritubular myoid cells and germ cells (PubMed:35307651)

**SLC28A2 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**SLC28A2 Antibody (N-term) Blocking Peptide - Images****SLC28A2 Antibody (N-term) Blocking Peptide - Background**

Sodium-dependent and purine-selective transporter. Exhibits the transport characteristics of the nucleoside transport system cif or N1 subtype (N1/cif) (selective for purine nucleosides and uridine). Plays a critical role in specific uptake and salvage of purine nucleosides in kidney and other tissues.