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SLC28A2 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP16185a

Specification

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:9435697, PubMed:10087507). Exhibits the transport characteristics of the nucleoside transport system cif or N1 subtype (N1/cif) (selective for purine nucleosides and uridine) (PubMed:9435697, PubMed:10087507, PubMed:21795683). Plays a critical role in specific uptake and salvage of purine nucleosides in kidney and other tissues (PubMed:9435697). 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.