

SLC6A18 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP13070b**Specification**

SLC6A18 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q96N87](#)**SLC6A18 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 348932**Other Names**

Sodium-dependent neutral amino acid transporter B(0)AT3, Sodium- and chloride-dependent transporter XTRP2, Solute carrier family 6 member 18, System B(0) neutral amino acid transporter AT3, SLC6A18, XTRP2

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.

SLC6A18 Antibody (C-term) Blocking peptide - Protein Information**Name** SLC6A18 ([HGNC:26441](#))**Synonyms** B0AT3, XTRP2**Function**

Does not show neutral amino acid transporter activity.

Cellular Location

Membrane; Multi-pass membrane protein

Tissue Location

Abundantly expressed in kidney, but not in intestine.

SLC6A18 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

SLC6A18 Antibody (C-term) Blocking peptide - Images

SLC6A18 Antibody (C-term) Blocking peptide - Background

The SLC6 family of proteins, which includes SLC6A18, act as specific transporters for neurotransmitters, amino acids, and osmolytes like betaine, taurine, and creatine. SLC6 proteins are sodium cotransporters that derive the energy for solute transport from the electrochemical gradient for sodium ions (Hoglund et al., 2005 [PubMed 16125675]).

SLC6A18 Antibody (C-term) Blocking peptide - References

Guey, L.T., et al. Eur. Urol. 57(2):283-292(2010) Singer, D., et al. J. Biol. Chem. 284(30):19953-19960(2009) Yoon, Y.H., et al. DNA Cell Biol. 27(10):559-567(2008) Broer, S. Physiol. Rev. 88(1):249-286(2008) Eslami, B., et al. Tohoku J. Exp. Med. 208(1):25-31(2006)