

SLC7A14 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP17854b**Specification**

SLC7A14 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q8TBB6](#)

SLC7A14 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 57709

Other Names

Probable cationic amino acid transporter, Solute carrier family 7 member 14, SLC7A14, KIAA1613

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.

SLC7A14 Antibody (C-term) Blocking Peptide - Protein Information

Name SLC7A14 {ECO:0000303|PubMed:24670872, ECO:0000312|HGNC:HGNC:29326}

Function

Imports 4-aminobutanoate (GABA) into lysosomes. May act as a GABA sensor that regulates mTORC2-dependent INS signaling and gluconeogenesis. The transport mechanism and substrate selectivity remain to be elucidated.

Cellular Location

Lysosome membrane; Multi-pass membrane protein. Note=Exhibits a punctated pattern in the cytoplasm, which partially overlaps with lysosomes.

Tissue Location

Expressed in skin fibroblasts.

SLC7A14 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SLC7A14 Antibody (C-term) Blocking Peptide - Images**SLC7A14 Antibody (C-term) Blocking Peptide - Background**

SLC7A14 (Solute carrier family 7 member 14) is thought to be a cationic amino acid transporter, belonging to the amino acid-polyamine-organocation (APC) superfamily.

SLC7A14 Antibody (C-term) Blocking Peptide - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :