

STX3 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP12879b

Specification

STX3 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [Q13277](#)

STX3 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 6809

Other Names

Syntaxin-3, STX3, STX3A

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.

STX3 Antibody (C-term) Blocking peptide - Protein Information

Name STX3

Synonyms STX3A

Function

Potentially involved in docking of synaptic vesicles at presynaptic active zones. Apical receptor involved in membrane fusion of apical vesicles.

Cellular Location

[Isoform A]: Apical cell membrane; Single-pass type IV membrane protein. Note=Localized to the inner and outer plexiform layers, the cell body and the inner segments of photoreceptors
{ECO:0000250|UniProtKB:Q64704}

Tissue Location

[Isoform A]: Expressed in small intestine, kidney, pancreas, placenta as well as in retina. Weaker expression in lung, liver and heart. Not expressed in brain and skeletal muscle [Isoform 3]: Ubiquitously expressed.

STX3 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

STX3 Antibody (C-term) Blocking peptide - Images

STX3 Antibody (C-term) Blocking peptide - Background

The gene is a member of the syntaxin family. The encoded protein is targeted to the apical membrane of epithelial cells where it forms clusters and is important in establishing and maintaining polarity necessary for protein trafficking involving vesicle fusion and exocytosis. Alternative splicing results in multiple transcript variants.

STX3 Antibody (C-term) Blocking peptide - References

Peng, R.W., et al. Biochem. J. 431(3):353-361(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Lee, B.Y., et al. Mol. Cell Proteomics 9(1):32-53(2010) Mistry, A.C., et al. Am. J. Physiol. Renal Physiol. 297 (2), F292-F300 (2009) :Low, S.H., et al. Mol. Biol. Cell 17(2):977-989(2006)