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STX3 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP2818c

Specification

STX3 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q13277

STX3 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 6809

Other Names
Syntaxin-3, STX3, STX3A

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP2818c was selected from the Center region of human STX3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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 (Center) 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 (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

STX3 Antibody (Center) Blocking Peptide - Images

STX3 Antibody (Center) Blocking Peptide - Background

STX3 is otentially involved in docking of synaptic vesicles at presynaptic active zones.

STX3 Antibody (Center) Blocking Peptide - References

Darios,F., Nature 440 (7085), 813-817 (2006)Low,S.H., Mol. Biol. Cell 17 (2), 977-989 (2006)Morgans,C.W., J. Neurosci. 16 (21), 6713-6721 (1996)