10320 Camino Santa Fe, Suite G
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SYTL4 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP18969a

Specification

SYTL4 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q96C24

SYTL4 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 94121

Other Names
Synaptotagmin-like protein 4, Exophilin-2, Granuphilin, SYTL4

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.

SYTL4 Antibody (N-term) Blocking Peptide - Protein Information

Name SYTL4

Function
Modulates exocytosis of dense-core granules and secretion of hormones in the pancreas and the pituitary. Interacts with vesicles containing negatively charged phospholipids in a Ca(2+)-independent manner (By similarity).

Cellular Location
Membrane; Peripheral membrane protein. Cell membrane; Peripheral membrane protein. Cytoplasmic vesicle, secretory vesicle membrane; Peripheral membrane protein. Note=Detected close to the plasma membrane and on secretory granules. In pancreas, interacts with insulin-containing vesicles (By similarity)

SYTL4 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

SYTL4 Antibody (N-term) Blocking Peptide - Images

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SYTL4 Antibody (N-term) Blocking Peptide - Background

This gene encodes a member of the synaptotagmin likeprotein family. Members of this family are characterized by anN-terminal Rab27 binding domain and C-terminal tandem C2 domains.The encoded protein binds specific small Rab GTPases and isinvolved in intracellular membrane trafficking. This protein bindsRab27 and may be involved in inhibiting dense core vesicleexocytosis. Alternate splicing results in multiple transcriptvariants that encode the same protein.

SYTL4 Antibody (N-term) Blocking Peptide - References

Plaisance, V., et al. J. Biol. Chem. 281(37):26932-26942(2006)Ciufo, L.F., et al. Mol. Biol. Cell 16(2):470-482(2005)Fukuda, M. J. Biol. Chem. 278(17):15390-15396(2003)Fukuda, M., et al. J. Biol. Chem. 277(42):39673-39678(2002)Torii, S., et al. Mol. Cell. Biol. 22(15):5518-5526(2002)