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RAT STX3 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP9417c

Specification

RAT STX3 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q08849

RAT STX3 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 81802

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.

RAT 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. Essential for survival of retinal photoreceetors.

Cellular Location
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
Heart, spleen, lung and kidney.

RAT STX3 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

RAT STX3 Antibody (Center) Blocking Peptide - Images

RAT STX3 Antibody (Center) Blocking Peptide - Background

RAT STX3 is nervous-system specific protein; This protein may be a component of the SNARE complex, involved in docking and fusion of synaptic vesicles to the plasma membrane, crucial for exocytosis in the nervous system .

RAT STX3 Antibody (Center) Blocking Peptide - References

Tadokoro, S., et al. Cell. Immunol. 261(1):51-56(2010)Mistry, A.C., et al. Am. J. Physiol. Renal Physiol. 297 (2), F292-F300 (2009) Sakiyama, H., et al. Inflamm. Res. 58(3):139-142(2009)Lam, P.P., et al. Mol. Biol. Cell 18(7):2473-2480(2007)Tadokoro, S., et al. Mol. Immunol. 44(13):3427-3433(2007)