

RAT STX3 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9417c**Specification**

RAT STX3 Antibody (Center) Blocking Peptide - Product InformationPrimary 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 photoreceptors.

Cellular LocationMembrane; 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)