

SYT5 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP14064c**Specification**

SYT5 Antibody (Center) Blocking peptide - Product InformationPrimary Accession [O00445](#)**SYT5 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 6861**Other Names**

Synaptotagmin-5, Synaptotagmin V, SytV, SYT5

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP14064c was selected from the Center region of SYT5. 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.

SYT5 Antibody (Center) Blocking peptide - Protein Information**Name** SYT5**Function**

May be involved in Ca(2+)-dependent exocytosis of secretory vesicles through Ca(2+) and phospholipid binding to the C2 domain or may serve as Ca(2+) sensors in the process of vesicular trafficking and exocytosis. Regulates the Ca(2+)-dependent secretion of norepinephrine in PC12 cells. Required for export from the endocytic recycling compartment to the cell surface (By similarity).

Cellular Location

Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane; Single-pass membrane protein. Recycling endosome membrane; Single-pass membrane protein. Note=In mast cells, localizes to the endocytic recycling compartment.

SYT5 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

SYT5 Antibody (Center) Blocking peptide - Images

SYT5 Antibody (Center) Blocking peptide - Background

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SYT5 Antibody (Center) Blocking peptide - References

Martins-de-Souza, D., et al. J Psychiatr Res (2010) In press :Sreenath, A.S., et al. Clin. Biochem. 38(5):436-443(2005)Mizutani, A., et al. J. Biol. Chem. 275(13):9823-9831(2000)Craxton, M., et al. FEBS Lett. 460(3):417-422(1999)Fukuda, M., et al. J. Biol. Chem. 274(44):31421-31427(1999)