

SYT8 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP10354c**Specification**

SYT8 Antibody (Center) Blocking peptide - Product Information

Primary Accession [Q8NBV8](#)
Other Accession [NP_612634.3](#)

SYT8 Antibody (Center) Blocking peptide - Additional Information

Gene ID 90019

Other Names

Synaptotagmin-8, Synaptotagmin VIII, SytVIII, SYT8

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.

SYT8 Antibody (Center) Blocking peptide - Protein Information

Name SYT8

Function

Involved in the trafficking and exocytosis of secretory vesicles in non-neuronal tissues. Mediates Ca(2+)-regulation of exocytosis acrosomal reaction in sperm. May mediate Ca(2+)-regulation of exocytosis in insulin secreted cells.

Cellular Location

Cell membrane; Single-pass type III membrane protein. Cytoplasmic vesicle, secretory vesicle, acrosome {ECO:0000250|UniProtKB:Q9R0N6}

SYT8 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

SYT8 Antibody (Center) Blocking peptide - Images

SYT8 Antibody (Center) Blocking peptide - Background

Synaptotagmins, such as SYT8, share a common domain structure that includes a transmembrane domain and a cytoplasmic region composed of 2 C2 domains. Some synaptotagmins are involved in synaptic membrane fusion, while others have a more general function in endocytosis. For further information on synaptotagmins, see MIM 185605.

SYT8 Antibody (Center) Blocking peptide - References

Bailey, S.D., et al. Diabetes Care (2010) In press : Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Li, C., et al. Nature 375(6532):594-599(1995)