

Synaptotagmin-6 Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF3800a**Specification**

Synaptotagmin-6 Antibody (C-Term) - Product Information

Application	E
Primary Accession	Q5T7P8
Other Accession	NP_995320.1 , 148281 , 54524 (mouse)
Predicted	Human, Mouse, Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	57325

Synaptotagmin-6 Antibody (C-Term) - Additional Information**Gene ID** 148281**Other Names**

Synaptotagmin-6, Synaptotagmin VI, SytVI, SYT6

Dilution

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Synaptotagmin-6 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Synaptotagmin-6 Antibody (C-Term) - Protein Information**Name** SYT6**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. May mediate Ca(2+)-regulation of exocytosis in acrosomal reaction in sperm (By similarity).

Cellular Location

Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane
{ECO:0000250|UniProtKB:Q9R0N8}; Single-pass membrane protein
{ECO:0000250|UniProtKB:Q9R0N8} [Isoform 2]: Cytoplasm, cytosol
{ECO:0000250|UniProtKB:Q9R0N8}. Cell membrane {ECO:0000250|UniProtKB:Q9R0N8};
Peripheral membrane protein {ECO:0000250|UniProtKB:Q9R0N8}

Synaptotagmin-6 Antibody (C-Term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Synaptotagmin-6 Antibody (C-Term) - Images**Synaptotagmin-6 Antibody (C-Term) - References**

Calcineurin-mediated dephosphorylation of synaptotagmin VI is necessary for acrosomal exocytosis. Castillo Bennett J, Roggero CM, Mancifesta FE, Mayorga LS. J Biol Chem. 2010 Aug 20;285(34):26269-78. PMID: 20551332