

Synaptotagmin-3 (aa25-38) Antibody (intenal region, near N-Term)
Peptide-affinity purified goat antibody
Catalog # AF3798a

Specification

Synaptotagmin-3 (aa25-38) Antibody (intenal region, near N-Term) - Product Information

Application	E
Primary Accession	O9BOG1
Other Accession	NP_115674.1 , 84258 , 20981 (mouse) , 25731 (rat)
Predicted Host	Human, Mouse, Rat, Pig, Dog
Clonality	Goat
Concentration	Polyclonal
Isotype	0.5 mg/ml
Calculated MW	IgG
	63304

Synaptotagmin-3 (aa25-38) Antibody (intenal region, near N-Term) - Additional Information

Gene ID 84258

Other Names

Synaptotagmin-3, Synaptotagmin III, SytIII, SYT3

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-3 (aa25-38) Antibody (intenal region, near N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Synaptotagmin-3 (aa25-38) Antibody (intenal region, near N-Term) - Protein Information

Name SYT3

Function

Ca(2+) sensor involved in Ca(2+)-dependent exocytosis of secretory vesicles through Ca(2+) and phospholipid binding to the C2 domain. Ca(2+) induces binding of the C2-domains to phospholipid membranes and to assembled SNARE-complexes; both actions contribute to triggering exocytosis (By similarity). Plays a role in dendrite formation by melanocytes (PubMed:23999003).

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:P40748}; Single-pass membrane protein. Cytoplasmic vesicle, secretory vesicle membrane; Single-pass membrane protein

Tissue Location

Expressed in melanocytes (PubMed:23999003).

Synaptotagmin-3 (aa25-38) Antibody (intenal region, near N-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-3 (aa25-38) Antibody (intenal region, near N-Term) - Images**Synaptotagmin-3 (aa25-38) Antibody (intenal region, near N-Term) - Background**

Reported variants represent identical protein: NP_001153801.1, NP_001153800.1, NP_115674.1. The immunizing peptide represents part of the vesicular domain.

Synaptotagmin-3 (aa25-38) Antibody (intenal region, near N-Term) - References

Ca(2+)-dependent and -independent activities of neural and non-neural synaptotagmins. Li C, Ullrich B, Zhang JZ, Anderson RG, Brose N, Südhof TC. Nature. 1995 Jun 15;375(6532):594-9. PMID: 7791877