

Synaptotagmin-9 Antibody (N-Term)
Peptide-affinity purified goat antibody
Catalog # AF3799a**Specification**

Synaptotagmin-9 Antibody (N-Term) - Product Information

Application	WB
Primary Accession	Q86SS6
Other Accession	NP_783860.1 , 143425 , 60510 (mouse) , 60564 (rat)
Reactivity	Mouse
Predicted	Human, Rat, Pig, Cow
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	56188

Synaptotagmin-9 Antibody (N-Term) - Additional Information**Gene ID** 143425**Other Names**

Synaptotagmin-9, Synaptotagmin IX, SytIX, SYT9

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-9 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Synaptotagmin-9 Antibody (N-Term) - Protein Information**Name** SYT9**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.

Cellular Location

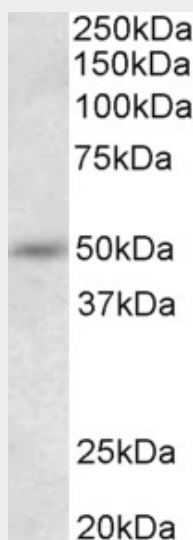
Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane; Single-pass membrane protein

Synaptotagmin-9 Antibody (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-9 Antibody (N-Term) - Images



AF3799a (0.5 µg/ml) staining of Mouse Liver lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Synaptotagmin-9 Antibody (N-Term) - References

A charged prominence in the linker domain of the cysteine-string protein Csp γ mediates its regulated interaction with the calcium sensor synaptotagmin 9 during exocytosis. Boal F, Laguerre M, Milochau A, Lang J, Scotti PA. FASEB J. 2011 Jan;25(1):132-43. PMID: 20847230