10320 Camino Santa Fe, Suite G
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Synaptotagmin-5 (aa 80-93) Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF3804a

Specification

Synaptotagmin-5 (aa 80-93) Antibody (internal region) - Product Information

Application	**WB**
Primary Accession	O00445
Other Accession	NP_058604.1, 6861, 53420 (mouse), 54309 (rat)
Reactivity	**Human**
Predicted	**Mouse, Pig, Dog, Cow**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**42900**

Synaptotagmin-5 (aa 80-93) Antibody (internal region) - Additional Information

Gene ID 6861

Other Names
Synaptotagmin-5, Synaptotagmin V, SytV, SYT5

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-5 (aa 80-93) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

Synaptotagmin-5 (aa 80-93) Antibody (internal region) - 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).

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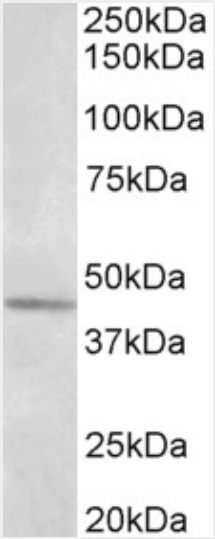
Cellular Location
Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane; Single-pass membrane protein. Recycling endosome membrane; Single-pass membrane protein. Note=In mast cells, localizes to the endocytic recycling compartment.

Synaptotagmin-5 (aa 80-93) Antibody (internal region) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Synaptotagmin-5 (aa 80-93) Antibody (internal region) - Images



AF3804a (1 µg/ml) staining of Olfactory bulb lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Synaptotagmin-5 (aa 80-93) Antibody (internal region) - References

Identification of a nonneuronal isoform of synaptotagmin. Hudson AW, Birnbaum MJ. Proc Natl Acad Sci U S A. 1995 Jun 20;92(13):5895-9. PMID: 7597049