



Synaptojanin 1

Data Sheet

Catalog Number:	MO25043	Host:	Mouse
Product Type:	Mouse Monoclonal Antibody	Species Reactivity:	Rat
Immunogen Sequence:	Recombinant fragment, corresponding to C-terminal amino acids 1156-1286 (proline-rich domain) of rat Synaptojanin 1.	Format:	Immunogen affinity purified Mouse ascites in PBS with sodium azide as a preservative. Concentration: 3 mg/ml.
Applications:	Immunofluorescence: 50 ug/ml, Immunoprecipitation: 10 ug/ml Western Blot: 10 ug/ml Immunocytochemistry 50 ug/ml		
	Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.		
Storage:	Store frozen. Aliquot as undiluted antisera and immediately place at -20°C. Antisera may have become trapped in top of vial during shipping. Centrifugation of vial is recommended before opening. Stable for at least 6 months at -20°C. Repeated freeze/thaw cycles compromise the integrity of the antiserum.		

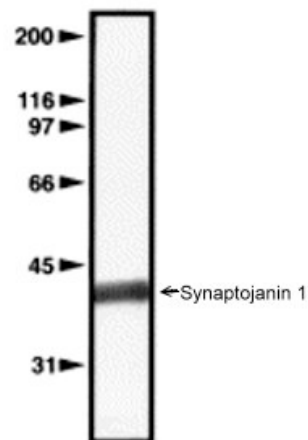
Application Notes

Specificity: This antibody reacts with rat protein. It recognizes human protein very weakly. It does not react with any other species, including mouse.

Localization: Cytoplasmic.

Description/Data:

The synaptojanin family comprises proteins that are key players in the synaptic vesicle recovery at the synapse. Synaptojanin 1 is an inositol 5-phosphatase which exists in two tissue specific isoforms (170 and 145 kDa). Through its interactions with a variety of proteins and molecules is thought to play a role in the development of nervous systems. These include TrkA, proNGF and AMPA.



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