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SYP antibody

Mouse Monoclonal Antibody (Mab)
Catalog # AD80547

Product Information

Application	IHC
Primary Accession	P08247
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	694G5C1
Calculated MW	33845

Additional Information

Gene ID	6855
Other Names	Synaptophysin, Major synaptic vesicle protein p38, SYP
Dilution	IHC~~1:100~500
Storage	Maintain refrigerated at 2-8°C.

Protein Information

Name	SYP
Function	Possibly involved in structural functions as organizing other membrane components or in targeting the vesicles to the plasma membrane. Involved in the regulation of short-term and long-term synaptic plasticity (By similarity).
Cellular Location	Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane; Multi-pass membrane protein. Synapse, synaptosome
Tissue Location	Expressed in the brain, with expression in the hippocampus, the neuropil in the dentate gyrus, where expression is higher in the outer half of the molecular layer than in the inner half, and in the neuropil of CA4 and CA3 (PubMed:8838578). Expressed in the putamen (at protein level) (PubMed:17296554)

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