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Anti-SYP / Synaptophysin Antibody

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17801

Product Information

Application	WB, IHC-P
Primary Accession	P08247
Predicted	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	33845

Additional Information

Gene ID	6855
Alias Symbol	SYP
Other Names	SYP, MRX, Synaptophysin, MRXSYP
Target/Specificity	c-terminal
Reconstitution & Storage	Protein A purified
Precautions	Anti-SYP / Synaptophysin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

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)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.