

Anti-SYP / Synaptophysin Antibody (clone SYP02)

Mouse Anti Human Monoclonal Antibody

Catalog # ALS17785

Product Information

Application	IHC-P
Primary Accession	P08247
Predicted	Human, Rat
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Names	SYP02
Calculated MW	33845

Additional Information

Gene ID	6855
Alias Symbol	SYP
Other Names	SYP, MRX, Synaptophysin, MRXSYP
Target/Specificity	Near C-terminus
Precautions	Anti-SYP / Synaptophysin Antibody (clone SYP02) 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'.