

Anti-SYP / Synaptophysin Antibody (clone SYP02)
Mouse Anti Human Monoclonal Antibody
Catalog # ALS17785**Specification**

Anti-SYP / Synaptophysin Antibody (clone SYP02) - Product Information

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

Anti-SYP / Synaptophysin Antibody (clone SYP02) - 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.

Anti-SYP / Synaptophysin Antibody (clone SYP02) - 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)

Anti-SYP / Synaptophysin Antibody (clone SYP02) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-SYP / Synaptophysin Antibody (clone SYP02) - Images