

Anti-SYP / Synaptophysin Antibody
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17801**Specification**

Anti-SYP / Synaptophysin Antibody - Product Information

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

Anti-SYP / Synaptophysin Antibody - 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.

Anti-SYP / Synaptophysin Antibody - 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 - 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 - Images