

**Synaptophysin Rabbit mAb**  
Catalog # AP77358

**Specification**

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**Synaptophysin Rabbit mAb - Product Information**

Application	WB, IHC, IF
Primary Accession	<a href="#">P08247</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	33845

**Synaptophysin Rabbit mAb - Additional Information**

**Gene ID** 6855

**Other Names**  
SYP

**Dilution**  
WB~~1/500-1/1000  
IHC~~1/50-1/100  
IF~~1/50-1/200

**Format**  
Liquid

**Synaptophysin Rabbit mAb - 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)

## Synaptophysin Rabbit mAb - 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](#)

## Synaptophysin Rabbit mAb - Images



