

**Product Name: Synaptophysin (10C8) Mouse
Monoclonal Antibody
Catalog #: AMM03573**

Summary

Production Name	Synaptophysin (10C8) Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,IHC-P
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Ascitic Fluid

Immunogen

Gene Name	SYP
Alternative Names	SYP; Synaptophysin; Major synaptic vesicle protein p38
Gene ID	6855
SwissProt ID	P08247.

Application

Dilution Ratio	WB: 1:500-1:1000 IHC: 1:50-1:100
Molecular Weight	Calculated MW: 34 kDa; Observed MW: 34 kDa

Background

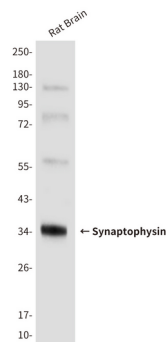
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SYP Possibly involved in structural functions as organizing other membrane components or in targeting the vesicles to the plasma membrane. Involved in the regulation of short-term and long-term synaptic plasticity. Belongs to the synaptophysin/synaptobrevin family. Homohexamer or homotetramer. Note: This description may include information from UniProtKB.

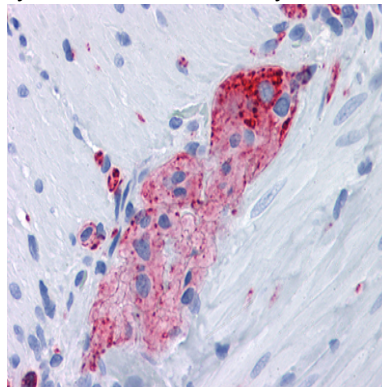
Research Area

Neuroscience

Image Data

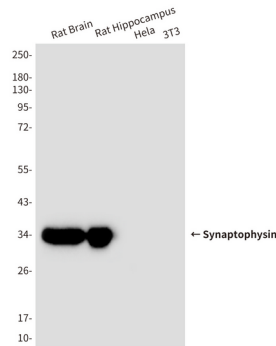


Western blot analysis of Synaptophysin (10C8) in rat brain lysates using Synaptophysin (10C8) antibody.



Immunohistochemical analysis of paraffin-embedded Human tonsils using Synaptophysin (10C8) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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Western blot analysis of Synaptophysin (10C8) in rat Brain, rat Hippocampus, Hela, 3T3 lysates using Synaptophysin (10C8) antibody

Note

For research use only.