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

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Ascitic Fluid

Application

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

Antigen Information

Gene Name	SYP
Alternative Names	SYP; Synaptophysin; Major synaptic vesicle protein p38
Gene ID	6855
SwissProt ID	P08247
Immunogen	A synthetic peptide of human Synaptophysin

Background

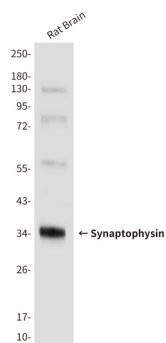
SYP Possibly involved in structural functions as organizing other membrane components or in targeting the vesicles to the plasma membrane. Involved in the regulation of short-term and long-term synaptic plasticity. Belongs to the

synaptophysin/synaptobrevin family. Homohexamer or homotetramer. Note: This description may include information from UniProtKB.

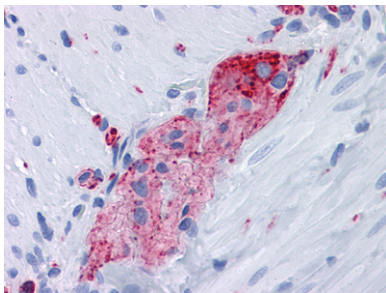
Research Area

Neuroscience

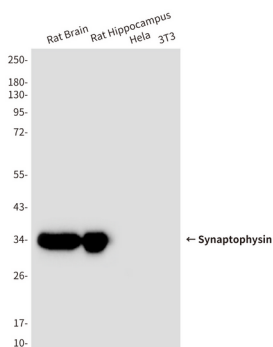
Image Data



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.



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