

## SYNAPTOPHYSIN (10C8) MOUSE MAB

**Cat.#:** N261195

**Product Name:** Anti-Synaptophysin (10C8) Mouse Monoclonal Antibody

**Synonyms:** SYP; Synaptophysin; Major synaptic vesicle protein p38

**UNIPROT ID:** P08247

**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.

**Immunogen:** Purified recombinant fragment of SYP expressed in E. Coli.

**Applications:** WB,IHC-P

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100

**Host Species:** Mouse

**Clonality:** Mouse Monoclonal

**Clone ID:** 10C8-10F9-9H9

**MW:** Calculated MW: 34 kDa; Observed MW: 34 kDa

**Isotype:** IgG1

**Purification:** Ascitic Fluid

**Species Reactivity:** Human,Mouse,Rat

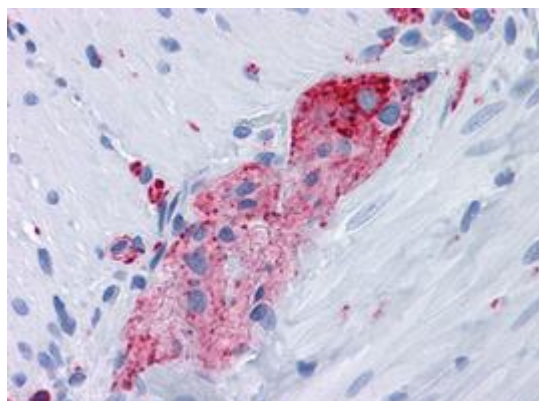
**Conjugation:** Unconjugated

**Modification:** Unmodified

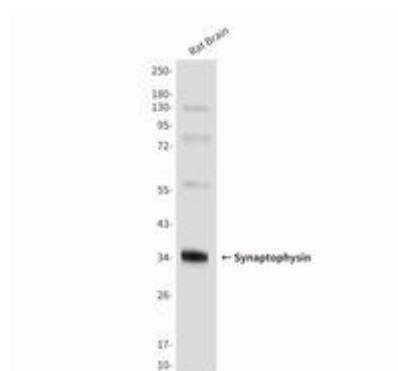
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Neuroscience

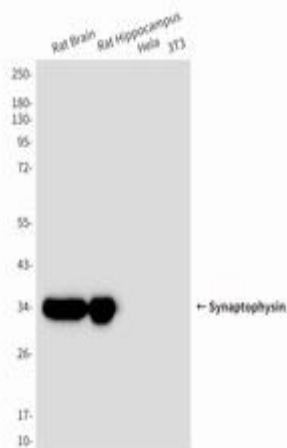
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



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 lysates using Synaptophysin (10C8) antibody.



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