

**Synaptophysin (10C8) Mouse mAb (PBS Only)**

db6404-PBS

Package : 可询价

**Product Name** : Synaptophysin (10C8) Mouse mAb (PBS Only)**Cat.No.:** db6404-PBS**Synonyms** : SYP; Synaptophysin; Major synaptic vesicle protein p38**Application** : WB, IHC-P**Reactivity** : Human, Mouse, Rat**Host species** : Mouse**Background**

Synaptophysin (p38) is an integral membrane protein of small synaptic vesicles in brain and endocrine cells. Synaptophysin contains four transmembrane domains that form a hexameric channel or gap junction-like pore. Synaptophysin binds to the SNARE protein synaptobrevin/VAMP, which prevents the inclusion of synaptobrevin in the synaptic vesicle fusion complex and creates a pool of synaptobrevin for exocytosis when synapse activity increases. Synaptophysin is also responsible for targeting synaptobrevin 2/VAMP2 to synaptic vesicles, a critical component of the fusion complex.

**Immunogen**

Purified recombinant fragment of SYP expressed in E. Coli

**Gene ID**

6855

**Swiss Prot**

P08247

**Synonyms**

SYP; Synaptophysin; Major synaptic vesicle protein p38

**Reactivity**

Human, Mouse, Rat

**Application**

WB, IHC-P

**Calculated MW**

34 kDa

**Observed MW**

34 kDa

**Host species**

Mouse

**Clonality**

Monoclonal

**Clonality No.**

10C8-10F9-9H9

**Isotype**

IgG1

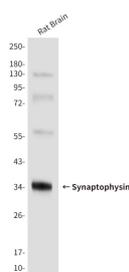
**Purity**

Affinity Purification

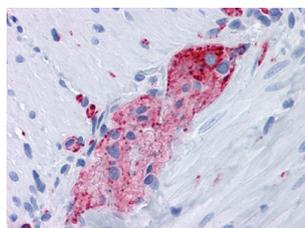
**Conjugation**

Un-conjugated

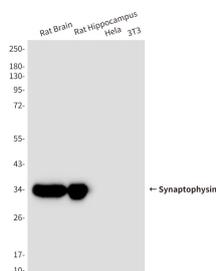
<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



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