Synaptophysin (10C8) Mouse mAb

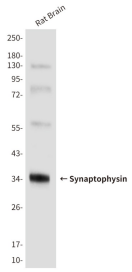
db6404 **Package : 50μL 100μL**

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

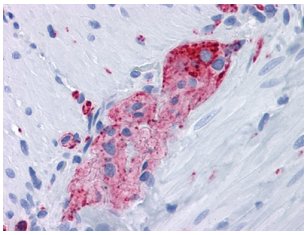
Background	Synaptophysin (p38) is an integral membrane protein of small synaptic vesicles in brain and endocrine cells.Synaptophysin contains four transmembrane domains that form a hexameric channel or gap junction-like pore. Synaptophysin binds to the SNARE protein synaptobrevin/VAMP, which prevents 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
Recommended dilution	WB: 1:500-1:1000 IHC: 1:50-1:100
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

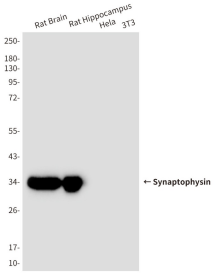
Storage Stability Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



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