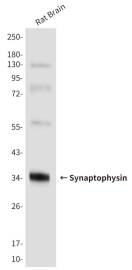
Synaptophysin (10C8) Mouse mAb (PBS Only)

db6404-PBS **Package：可询价**

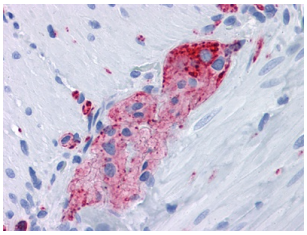
Product Name : Synaptophysin (10C8) Mouse mAb (PBS Only)
Cat.No.: db6404-PBS
Synonyms : SYP; Synaptophysin; Major synaptic vesicle protein p38
Application : WB, IHC-P
Reactivity : Human, Mouse, Rat
Host species : Mouse

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

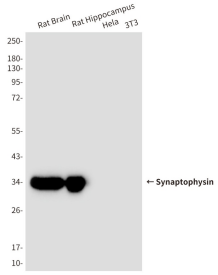
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



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