

Synaptophysin (ABT533) Mouse mAb

Catalog No :	YM6105
Reactivity :	Human; Mouse (predicted: Rat; Bovin)
Applications :	IHC;WB;ELISA
Target :	Synaptophysin
Gene Name :	SYP
Protein Name :	Major synaptic vesicle protein p38;MRX96;MRXSYP;Syn p38;Synaptophysin;Syp;SYPH;SYPH_HUMAN;SynI
Human Swiss Prot No :	P08247
Mouse Swiss Prot No :	Q62277
Rat Swiss Prot No :	P07825
Immunogen :	Synthesized peptide derived from human Synaptophysin AA range: 200-313
Specificity :	The antibody can specifically recognize human Synaptophysin protein.
Formulation :	PBS, pH7.2, 0.03% Porcolin 300, containing stabilizing protein
Source :	Mouse, Monoclonal/IgG1, Kappa
Dilution :	IHC 1:200-400, WB 1:200-1000, ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	34kD
Background :	This gene encodes an integral membrane protein of small synaptic vesicles in brain and endocrine cells. The protein also binds cholesterol and is thought to

direct targeting of vesicle-associated membrane protein 2 (synaptobrevin) to intracellular compartments. Mutations in this gene are associated with X-linked mental retardation (XLMR). [provided by RefSeq, Aug 2011],

Function :

domain:The calcium-binding activity is thought to be localized in the cytoplasmic tail of the protein.,function:Possibly involved in structural functions as organizing other membrane components or in targeting the vesicles to the plasma membrane.,online information:Synaptophysin entry,PTM:Ubiquitinated; mediated by SIAH1 or SIAH2 and leading to its subsequent proteasomal degradation.,similarity:Belongs to the synaptophysin/synaptobrevin family.,similarity:Contains 1 MARVEL domain.,subunit:Homohexamer or homotetramer.,tissue specificity:Characteristic of a type of small (30-80 nm) neurosecretory vesicles, including presynaptic vesicles, but also vesicles of various neuroendocrine cells of both neuronal and epithelial phenotype.,

Subcellular Location :

Cytoplasmic

Expression :

Pancreas/ Colon

Tag :

hot

Sort :

999

No4 :

1

Speciality :

IHC antibodies

Host :

Mouse

Modifications :

Unmodified

Products Images

Human adrenal gland tissue was stained with Anti-Synaptophysin (ABT533) Antibody

Human pancreas tissue was stained with Anti-Synaptophysin (ABT533) Antibody

Human pancreas tissue was stained with Anti-Synaptophysin (ABT533) Antibody