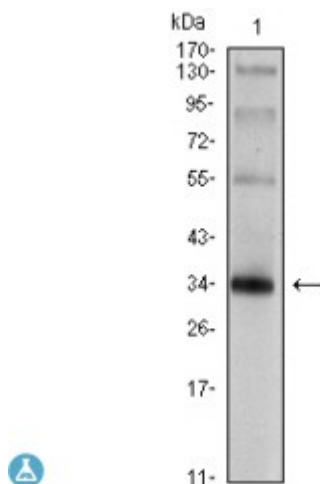


Anti-SYP antibody



Description	Mouse monoclonal to SYP.
Model	STJ98410
Host	Mouse
Reactivity	Human, Rat
Applications	ELISA, IHC, WB
Immunogen	Purified recombinant fragment of SYP expressed in E. Coli.
Gene ID	6855
Gene Symbol	SYP
Dilution range	WB 1:500-1:2000IHC 1:200-1:1000ELISA 1:10000
Specificity	SYP Monoclonal Antibody detects endogenous levels of SYP protein.
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.
Purification	Affinity purification
Clone ID	7H12
Note	For Research Use Only (RUO).
Protein Name	Synaptophysin Major synaptic vesicle protein p38
Clonality	Monoclonal
Conjugation	Unconjugated

Isotype	IgG1
Formulation	Ascitic fluid containing 0.03% sodium azide.
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:11506OMIM:300802
Alternative Names	Synaptophysin Major synaptic vesicle protein p38
Function	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 .
Sequence and Domain Family	The calcium-binding activity is thought to be localized in the cytoplasmic tail of the protein.
Cellular Localization	Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane. Multi-pass membrane protein. Cell junction, synapse, synaptosome.
Post-translational Modifications	Ubiquitinated; mediated by SIAH1 or SIAH2 and leading to its subsequent proteasomal degradation.

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