

Rabbit anti-Human, Rat Synaptophysin Monoclonal Antibody | anti-SYP antibody

Recombinant Synaptophysin Monoclonal Antibody

CATALOG # AAA178883	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Synaptophysin; Monoclonal Antibody; Recombinant Synaptophysin Monoclonal Antibody; MRX96; MRXSYP; SYP; anti-SYP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	R06-2A2
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Concentration	300ug/mL (varies by lot)
Applicable Applications for anti-SYP antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human Synaptophysin
Research Area	Cancer, Neuroscience
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of Synaptophysin in paraffin-embedded Human Brain using Synaptophysin Rabbit mAb at dilution 1:20



WB (Western Blot)

Western blot detection of Synaptophysin in Rat Brain lysates using Synaptophysin Rabbit mAb(1:1000 diluted).Predicted band size:34kDa.Observed band size:38kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-SYP antibody	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).
Product Categories/Family for anti-SYP antibody	Antibodies ; Primary Antibodies ; Recombinant Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	27764867
NCBI GeneID	6855
NCBI Accession #	NP_003170.1
NCBI GenBank Nucleotide #	NM_003179.2
UniProt Accession #	P08247; Q6P2F7; B2R7L6
Molecular Weight	33,845 Da
NCBI Official Full Name	synaptophysin
NCBI Official Synonym Full Names	synaptophysin
NCBI Official Symbol	SYP
NCBI Official Synonym Symbols	MRXSYP
NCBI Protein Information	synaptophysin; major synaptic vesicle protein P38
UniProt Protein Name	Synaptophysin
UniProt Gene Name	SYP
UniProt Entry Name	SYPH_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/synaptophysin-antibody-clone-r06-2a2-immunohistochemistry-western-blot-elisa/178883>