

Mouse anti-Human, Rat Synaptophysin (SYP) Monoclonal Antibody | anti-SYP antibody

Monoclonal Antibody to Synaptophysin (SYP)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA152837	Mouse	Human, Rat	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

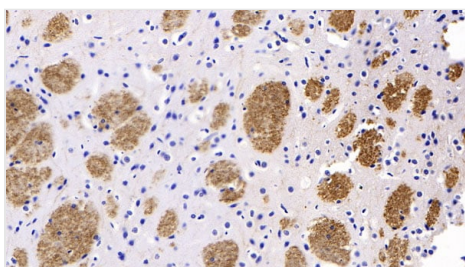
PRODUCT SYNONYMS

Synaptophysin (SYP); Monoclonal Antibody; Monoclonal Antibody to Synaptophysin (SYP); Synaptophysin; Major synaptic vesicle protein p38; anti-SYP antibody

PRODUCT SPECIFICATIONS

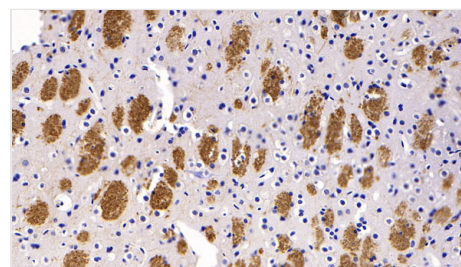
Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	C8
Specificity	The antibody is a mouse monoclonal antibody raised against SYP. It has been selected for its ability to recognize SYP in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid. 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Glu50~Phe106
Applicable Applications for anti-SYP antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Synaptophysin (SYP)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



IHC (Immunohistochemistry)

DAB staining on IHC-P; Sample: Rat Spinal cord Tissue; Primary Ab: 30ug/ml Mouse Anti-human SYP Antibody; Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on IHC-P; Sample: Rat Cerebellum Tissue; Primary Ab: 30ug/ml Mouse Anti-human SYP Antibody; Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-SYP antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Neuro science
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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-syp-antibody-clone-c8-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/152837>