

Mouse Synaptophysin Monoclonal Antibody | anti-SYP antibody

Synaptophysin Mouse Monoclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA248100	Mouse	Human, Mouse, Rat	Immunofluorescence, Western Blot, ELISA

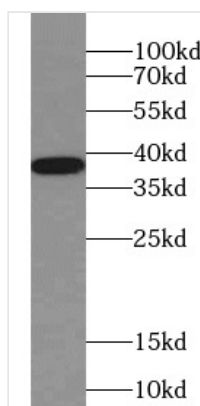
PRODUCT SYNONYMS

Synaptophysin; Monoclonal Antibody; Synaptophysin Mouse Monoclonal; synaptophysin; SYP; Major synaptic vesicle protein p38; anti-SYP antibody

PRODUCT SPECIFICATIONS

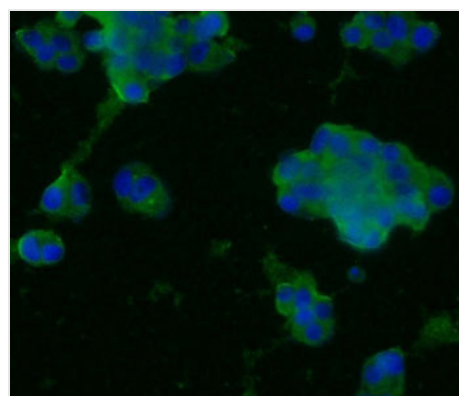
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	3B9
Purity/Purification	Purity: ≥95% as determined by SDS-PAGE Purification Method: Protein A+G purification
Form/Format	Liquid; PBS with 0.02% sodium azide and 50% glycerol pH 7.3
Sequence Length	313
Applicable Applications for anti-SYP antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen	Synaptophysin
Preparation and Storage	Store at -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

IMAGES



WB (Western Blot)

fetal human brain tissue were subjected to SDS PAGE followed by western blot with AAA248100 (Synaptophysin; SYP Antibody) at dilution of 1:1000



IF (Immunofluorescence)

Immunofluorescent analysis of PC-12 cells using AAA248100 (Synaptophysin; SYP Antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG (H+L)

ADDITIONAL INFORMATION

Related Product Information for anti-SYP antibody	Background: Synaptophysin (SYP, also known as major synaptic vesicle protein p38) is a 38-kDa integral membrane glycoprotein that regulates synaptic vesicle endocytosis. It is the most abundant synaptic vesicle protein by mass. Synaptophysin is present in neuroendocrine cells and neurons that participate in synaptic transmission. Synaptophysin is a useful marker for identification of neuroendocrine cells and neoplasms.
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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; B7Z359
Molecular Weight	38 kDa
NCBI Official Full Name	synaptophysin
NCBI Official Synonym Full Names	synaptophysin
NCBI Official Symbol	SYP
NCBI Official Synonym Symbols	MRX96; MRXSYP
NCBI Protein Information	synaptophysin
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/synaptophysin-antibody-clone-3b9-immunofluorescence-western-blot-elisa/248100>