

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

Anti-Synaptophysin antibody (monoclonal)

CATALOG # AAA44912	HOST Mouse	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Synaptophysin; Monoclonal Antibody; Anti-Synaptophysin antibody (monoclonal); synaptophysin; MRXSYP; Major synaptic vesicle protein p38; anti-SYP antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG1
Clone Number	Syn-58
Purity/Purification	Ascites
Form/Format	Lyophilized
Sequence Length	313
Applicable Applications for anti-SYP antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Rat retina synaptosome.
Contents	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative.
Reconstitution	1.2% sodium acetate or neutral PBS. If 1ml of PBS is used, the antibody concentration will be 100ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



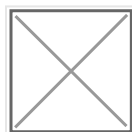
IHC (Immunohistochemistry)

Anti-Synaptophysin antibody (monoclonal), AAA44912, IHC(P)IHC(P): Human meningioma Tissue



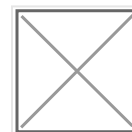
IHC (Immunohistochemistry)

Anti-Synaptophysin antibody (monoclonal), AAA44912, IHC(P)IHC(P): Human Glioma Tissue



IHC (Immunohistochemistry)

Anti-Synaptophysin antibody (monoclonal), AAA44912, IHC(P)IHC(P): Rat Brain Tissue



WB (Western Blot)

Anti-Synaptophysin antibody (monoclonal), AAA44912, Western blottingWB: Rat Brain Tissue Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-SYP antibody	Description: Mouse IgG monoclonal antibody for Synaptophysin, synaptophysin (SYP) detection. Tested with WB, IHC-F in Human, Rat. No cross reactivity with other proteins. Uniprot ID: P08247 Background: Synaptophysin(SYP) is an integral membrane protein of small synaptic vesicles in brain and endocrine cells. Ozcelik et al.(1990) concluded that the gene has 7 exons distributed over about 20 kb. SYP mapped the SYP locus to Xp11.23-p11.22. Regionalization of the gene on the X chromosome was also done with hamster/human hybrid cells in which various portions of the human X chromosome were present.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	135162
NCBI GeneID	6855
UniProt Accession #	P08247; Q6P2F7; B2R7L6; B7Z359
Molecular Weight	20,757 Da
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; 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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/synaptophysin-antibody-clone-syn-58-immunohistochemistry-immunohistochemistry-western-blot-elisa/44912>