

Synapsin 2 Monoclonal Antibody | anti-SYN2 antibody

Synapsin 2 Rabbit mAb

CATALOG # AAA314577	HOST Recombinant Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Synapsin 2; Monoclonal Antibody; Synapsin 2 Rabbit mAb; SYN 2; SYN II; SYN IIa; SYN IIb; SYN2; Synapsin2; SynapsinII; SYNII; SYNIIa; SYNIIb; anti-SYN2 antibody

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	S07-0I5
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-SYN2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human SYN2
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of SYN2 in paraffin-embedded Human Brain using SYN2 Rabbit mAb at dilution 1/50



WB (Western Blot)

Western blot detection of SYN2 in HeLa, A549 cell lysates using SYN2 Rabbit mAb(1:1000 diluted). Predicted band size: 63kDa. Observed band size: 63kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-SYN2 antibody	This gene is a member of the synapsin gene family. Synapsins encode neuronal phosphoproteins which associate with the cytoplasmic surface of synaptic vesicles. Family members are characterized by common protein domains, and they are implicated in synaptogenesis and the modulation of neurotransmitter release, suggesting a potential role in several neuropsychiatric diseases. This member of the synapsin family encodes a neuron-specific phosphoprotein that selectively binds to small synaptic vesicles in the presynaptic nerve terminal. Polymorphisms in this gene are associated with abnormal presynaptic function and related neuronal disorders, including autism, epilepsy, bipolar disorder and schizophrenia. Alternative splicing of this gene results in multiple transcript variants. The tissue inhibitor of metalloproteinase 4 gene is located within an intron of this gene and is transcribed in the opposite direction. [provided by RefSeq, Feb 2014]
Product Categories/Family for anti-SYN2 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	223634710
NCBI GeneID	6854
UniProt Accession #	Q92777; A8MY98
Molecular Weight	582
NCBI Official Full Name	Synapsin-2
NCBI Official Synonym Full Names	synapsin II
NCBI Official Symbol	SYN2
NCBI Official Synonym Symbols	SYNII; SYNIIa; SYNIIb
NCBI Protein Information	synapsin-2
UniProt Protein Name	Synapsin-2
UniProt Gene Name	SYN2
UniProt Entry Name	SYN2_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/synapsin-2-antibody-clone-s07-0i5-immunohistochemistry-western-blot-elisa/314577>