

Rabbit Synapsin I Polyclonal Antibody | anti-SYN1 antibody

Synapsin I (Phospho Ser62) Polyclonal Antibody

CATALOG # AAA312932	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Synapsin I; Polyclonal Antibody; Synapsin I (Phospho Ser62) Polyclonal Antibody; SYN1; Synapsin-1; Brain protein 4.1; anti-SYN1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Phospho-Synapsin I (S62) Polyclonal Antibody detects endogenous levels of Synapsin I protein only when phosphorylated at S62.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-SYN1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from human Synapsin1 around the phosphorylation site of Ser62. AA range:26-75
Preparation and Storage	Store at -20°C for 1 year

ADDITIONAL INFORMATION

Related Product Information for anti-SYN1 antibody	Synapsin I (SYN1), Homo sapiens. 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 plays a role in regulation of axonogenesis and synaptogenesis. The protein encoded serves as a substrate for several different protein kinases and phosphorylation may function in the regulation of this protein in the nerve terminal. Mutations in this gene may be associated with X-linked disorders with primary neuronal degeneration such as Rett syndrome. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]
Product Categories/Family for anti-SYN1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	19924099
NCBI GeneID	6853
NCBI Accession #	NP_008881.2

NCBI GenBank Nucleotide #	NM_006950.3
UniProt Accession #	P17600; O75825; Q5H9A9; B1AJQ1
Molecular Weight	SDS-PAGE MW: 80
NCBI Official Full Name	synapsin-1 isoform Ia
NCBI Official Synonym Full Names	synapsin I
NCBI Official Symbol	SYN1
NCBI Official Synonym Symbols	SYNI; SYN1a; SYN1b
NCBI Protein Information	synapsin-1; brain protein 4.1
UniProt Protein Name	Synapsin-1
UniProt Gene Name	SYN1
UniProt Entry Name	SYN1_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/polyclonal/synapsin-i-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/312932>