

Rabbit anti-Human Synapsin-1 Polyclonal Antibody | anti-SYN1 antibody

Rabbit anti-human Synapsin-1 polyclonal Antibody

CATALOG # AAA229710	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

Synapsin-1; Polyclonal Antibody; Rabbit anti-human Synapsin-1 polyclonal Antibody; Brain protein 4.1; Synapsin I; SYN1; anti-SYN1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	705
Applicable Applications for anti-SYN1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Synapsin-1 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-8295 / sc-55774 / sc-7379 / sc-20780
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA229710 at dilution of 1:100



WB (Western Blot)

Western blotAll lanes: Synapsin-1 antibody at 12ug/ml+ Mouse brain tissueGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 75,71 kDaObserved band size: 74 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-SYN1 antibody	Neuronal phosphoprotein that coats synaptic vesicles, binds to the cytoskeleton, and is believed to function in the regulation of neurotransmitter release. The complex formed with NOS1 and CAPON proteins is necessary for specific nitric-oxid functions at a presynaptic level. 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.
Product Categories/Family for anti-SYN1 antibody	Neuroscience

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	70,033 Da
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
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-1-antibody-immunohistochemistry-western-blot-elisa/229710>