

Rabbit SYN1 Polyclonal Antibody | anti-SYN1 antibody

SYN1 antibody (Ser549)

CATALOG # AAA107925	HOST Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
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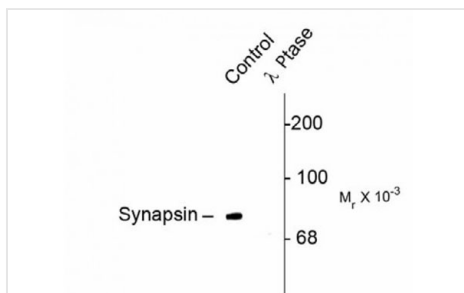
PRODUCT SYNONYMS

SYN1; Polyclonal Antibody; SYN1 antibody (Ser549); Polyclonal SYN1; Anti-SYN1; SYN 1; SYN-1; Synapsin; anti-SYN1 antibody

PRODUCT SPECIFICATIONS

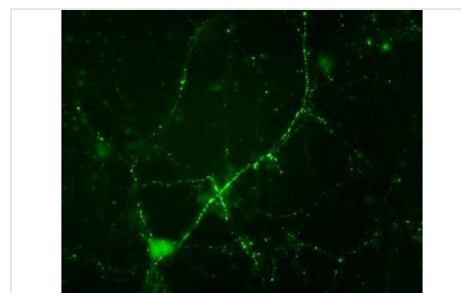
Host	Rabbit
Clonality	Polyclonal
Purity/Purification	SYN1 antibody was purified by affinity chromatography
Form/Format	Supplied in liquid form in 10 mM HEPES buffer (pH 7.5), 150 mM NaCl, 100 ug per ml BSA and 50% glycerol
Sequence Length	705
Applicable Applications for anti-SYN1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Biological Significance	The synapsin I protein is a member of the synapsin family that are 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.

IMAGES



WB (Western Blot)

Western blot of rat cortex lysate showing specific immunolabeling of ~78k synapsin I phosphorylated at Ser549 (Control)



IF (Immunofluorescence)

Immunofluorescent staining of cultured mouse caudate neurons showing synapsin I when phosphorylated at Ser549

ADDITIONAL INFORMATION

Related Product Information for anti-SYN1 antibody	Rabbit polyclonal SYN1 antibody (Ser549)
Product Categories/Family for anti-SYN1 antibody	Neuroscience ; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	19924099
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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://www.aaabiotech.com/polyclonal/syn1-antibody-immunohistochemistry-western-blot-elisa/107925>