

Synapsin1 Antibody | anti-SYN-1 antibody

Synapsin1 (Phospho-Ser62) Antibody

CATALOG # AAA111493	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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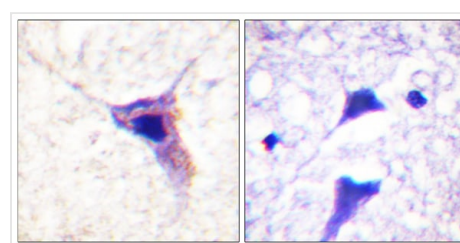
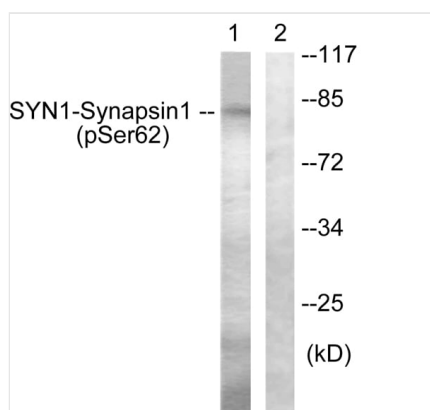
PRODUCT SYNONYMS

Synapsin1; Synapsin1 (Phospho-Ser62) Antibody; Brain protein 4.1; synapsin I; anti-SYN-1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	Synapsin1 (Phospho-Ser62) antibody detects endogenous levels of Synapsin1 only when phosphorylated at serine 62.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	705
Applicable Applications for anti-SYN-1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Synapsin1 around the phosphorylation site of serine 62 (V-A-SP-P-A).
All Sites	Human: Ser62 Mouse: Ser62 Rat: Ser62
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using Synapsin1 (Phospho-Ser62) antibody. Western blot analysis of extracts from HeLa cells, treated with Anisomycin (25ug/ml, 30mins), using Synapsin1 (Phospho-Ser62) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-SYN-1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Kun Jiang, Blood, Jan 2003; 101: 236-244. Joseph Fargnoli, J. Biol. Chem., Nov 1995; 270: 26533. Attila Mócsai, Blood, May 2003; 101: 4155-4163. Takechiyo Yamada, J. Immunol., Jul 2001; 167: 283.

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

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/syn-1-human-mouse-rat-antibody/synapsin1/111493>