

Synapsin1 Antibody | anti-SYN-1 antibody

Synapsin1 (Phospho-Ser605) Antibody

CATALOG # AAA267558	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry
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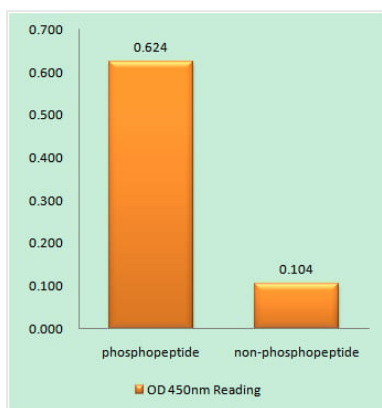
PRODUCT SYNONYMS

Synapsin1; Synapsin1 (Phospho-Ser605) Antibody; Brain protein 4.1; synapsin I; anti-SYN-1 antibody

PRODUCT SPECIFICATIONS

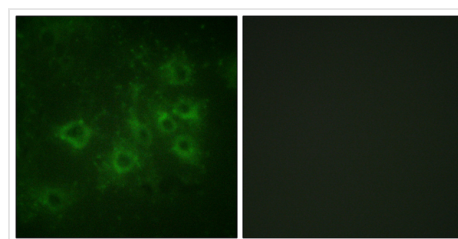
Reactivity	Human, Mouse, Rat
Specificity	Synapsin1 (Phospho-Ser605) antibody detects endogenous levels of Synapsin1 only when phosphorylated at serine 605.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against 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, IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Synapsin1 around the phosphorylation site of serine 605 (Q-A-SP-Q-A).
All Sites	Human: Ser605 Mouse: Ser605 Rat: Ser603
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



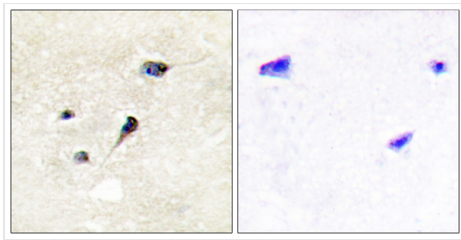
Application Data

Synapsin1 (Phospho-Ser605) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nm are shown in the ELISA figure.



IHC (Immunohistochemistry)

P-peptide-+ Immunohistochemistry analysis of paraffin-embedded human brain tissue using Synapsin1 (Phospho-Ser605) antibody. Immunofluorescence analysis of COS7 cells, using Synapsin1 (Phospho-Ser605) antibody.



Application Data
P-peptide-+

ADDITIONAL INFORMATION

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.
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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/synapsin1/267558>