

Rabbit Synapsin Polyclonal Antibody | anti-Syn1 antibody

Synapsin (phospho-Ser549) Antibody

CATALOG # AAA306032	HOST Rabbit	REACTIVITY Human, Rat, Mouse	APPLICATIONS Western Blot
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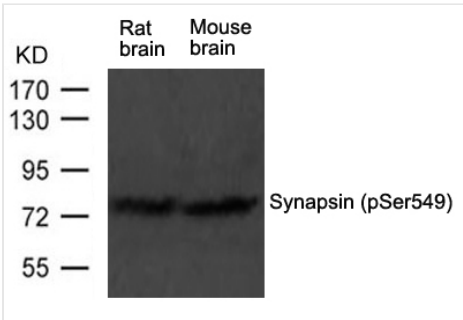
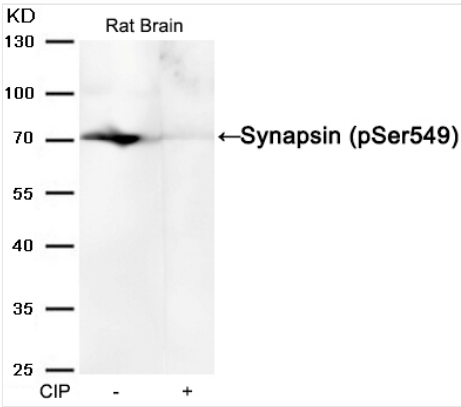
PRODUCT SYNONYMS

Synapsin; Polyclonal Antibody; Synapsin (phospho-Ser549) Antibody; Syn-1; synapsin I; anti-Syn1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of Synapsin only when phosphorylated at serine 549.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	670
Applicable Applications for anti-Syn1 antibody	WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 549(P-A-S(p)-P-S)derived from Rat Synapsin
Modification	Phospho-Ser549
Target Name	Synapsin
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



WB (Western Blot)
Western blot analysis of extract from rat brain and mouse brain tissue using Synapsin(phospho-Ser549) Antibody using

WB (Western Blot)
Western blot analysis of extracts from Rat brain tissue or calf intestinal phosphatase (CIP), using Synapsin (phospho-Ser549) Antibody.

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
Product Categories/Family for anti-Syn1 antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	160707903
NCBI GeneID	20964
NCBI Accession #	NP_001104250.1
NCBI GenBank Nucleotide #	NM_001110780.1
UniProt Accession #	O88935; Q62279; Q8QZT8
Molecular Weight	71,483 Da
NCBI Official Full Name	synapsin-1 isoform b
NCBI Official Synonym Full Names	synapsin I
NCBI Official Symbol	Syn1
NCBI Official Synonym Symbols	Syn-1; Syn1-S
NCBI Protein Information	synapsin-1
UniProt Protein Name	Synapsin-1
UniProt Gene Name	Syn1
UniProt Synonym Gene Names	Syn-1
UniProt Entry Name	SYN1_MOUSE

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.