

Synapsin(phospho-Ser549) Antibody

Catalog No: #11568



Package Size: #11568-1 50ul #11568-2 100ul #11568-4 25ul

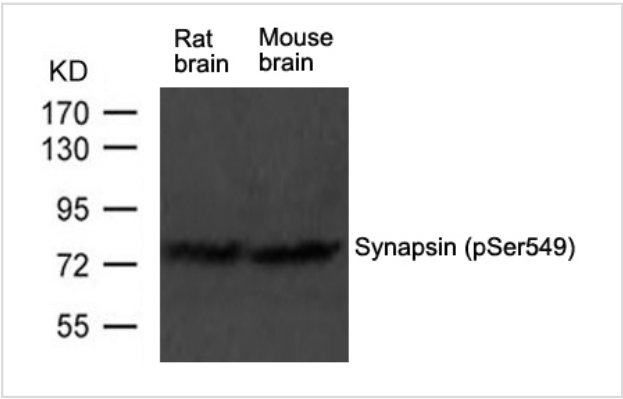
Overview

Product Name	Synapsin(phospho-Ser549) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB
Species Reactivity	Hu Rt Ms
Immunogen Type	Peptide-KLH
Target Name	Synapsin
Modification	Phospho-Ser549
Alternative Names	Syn-1; synapsin I;

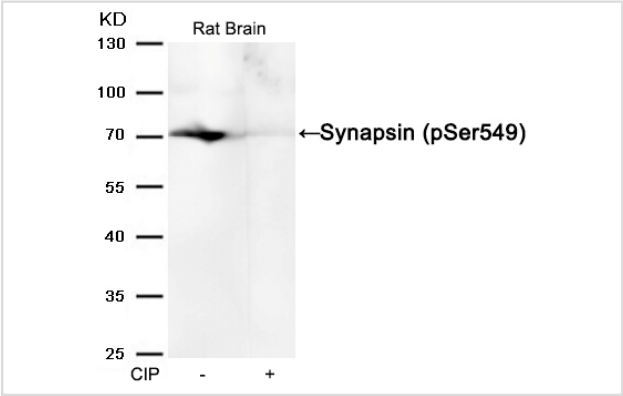
Application Details

Predicted MW: 78kd
Western blotting: 1:500~1:1000

Images



Western blot analysis of extract from rat brain and mouse brain tissue using Synapsin(phospho-Ser549) Antibody using #11568



Western blot analysis of extracts from Rat brain tissue or calf intestinal phosphatase (CIP), using Synapsin (phospho-Ser549) Antibody #11568.

Descriptions

Immunogen	Peptide sequence around phosphorylation site of serine 549(P-A-S(p)-P-S)derived from Rat Synapsin
Specificity	The antibody detects endogenous level of Synapsin only when phosphorylated at serine 549.
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 non-phosphopeptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: O88935NCBI Protein: NP_038708.3

Related Information

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

Greengard, P. (1987) Mol Neurobiol 1, 81-119.

Hosaka, M. et al. (1999) Neuron 24, 377-87.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.