

synapsin(Phospho-Ser9) Antibody

Catalog No: #11267



Package Size: #11267-1 50ul #11267-2 100ul #11267-4 25ul

Overview

Product Name	synapsin(Phospho-Ser9) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IF
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	synapsin
Modification	Phospho-Ser9
Alternative Names	Syn-1, synapsin I

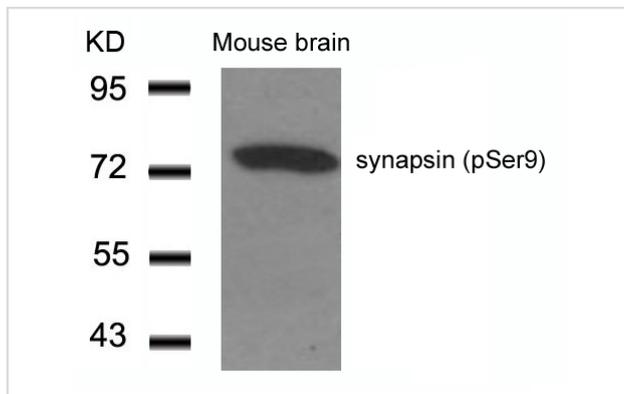
Application Details

Predicted MW: 77kd

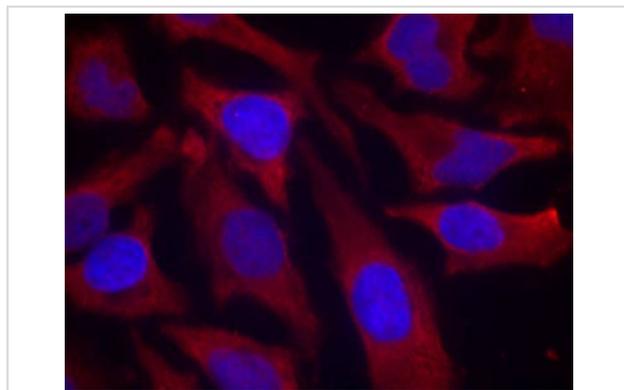
Western blotting: 1:500~1:1000

Immunofluorescence: 1:100~1:200

Images



Western blot analysis of extracts from Mouse Brain tissue using synapsin(Phospho-Ser9) Antibody #11267.



Immunofluorescence staining of methanol-fixed Hela cells using synapsin(Phospho-Ser9) Antibody #11267.

Descriptions

Immunogen	Peptide sequence around phosphorylation site of serine 9 (R-L-S(p)-D-S) derived from Human SYN1/synapsin.
Specificity	The antibody detects endogenous level of synapsin only when phosphorylated at serine 9.
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 Mg ²⁺ and Ca ²⁺), 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: P17600NCBI Protein: NP_008881.2

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

Diviya Sinha, et.al. (2005) Am J Physiol Renal Physiol ; 288: F703 - F713.

Franco Onofri, et.al. (2000) J. Biol. Chem ; 275: 29857.

Dario Bonanomi, et.al. (2005) J. Neurosci; 25: 7299 - 7308.

Hiroshi Tokumitsu, et.al. (2005) J. Biol. Chem ; 280: 35108 - 35118.

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