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35-1337: Polyclonal Antibody to Synapsin (phospho-Ser549)

Clonality :	Polyclonal
Application :	WB
Reactivity :	Rat,Mouse,Human
Gene :	Syn1
Gene ID :	20964
Uniprot ID :	O88935
Format :	Purified
Alternative Name :	Syn-1, synapsin I
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around phosphorylation site of serine 549(P-A-S(p)-P-S)derived from Rat Synapsin

Description

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.

Product Info

Amount :	50 µl / 100 µl
Content :	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 condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

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

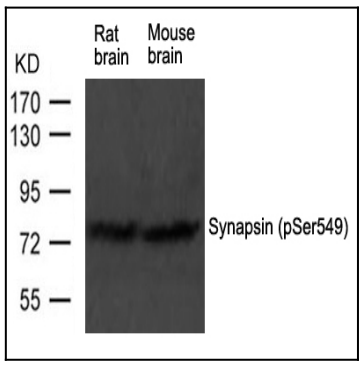

Figure 1: Western blot analysis of extract from rat brain and mouse brain tissue using Synapsin(phospho-Ser549) Antibody using 35-1337

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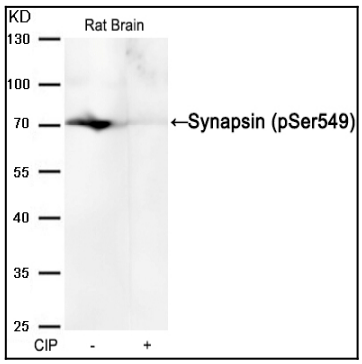

Figure 2: Western blot analysis of extracts from Rat brain tissue or calf intestinal phosphatase (CIP), using Synapsin (phospho-Ser549) Antibody 35-1337 .