

Synapsin Polyclonal Antibody

CATALOG #:	6008-100
AMOUNT:	100 µg
LOT #:	_____
HOST:	Rabbit
IMMUNOGEN:	Synthetic peptide corresponding to residues surrounding amino acid 12 of human synapsin (Internal ID# BV-843).
SPECIES REACTIVITY:	human, mouse, rat, bovine,

FORMULATION:

100 µg (0.5 mg/ml) affinity purified rabbit anti-Synapsin polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

STORAGE CONDITIONS:

Store at -20°C. For long-term storage, aliquot and refreeze at -70°C. Avoid repeated freeze/thaw cycles.

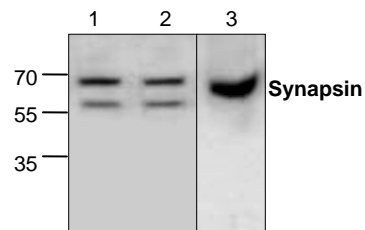
BACKGROUND:

Synapsins are abundant brain proteins essential for regulating neurotransmitter release. All synapsins contain a short N-terminal domain that is highly conserved and phosphorylated by PKA or CaM kinase I. Phosphorylation of synapsin N-terminal domain at Ser9 inhibits its binding to phospholipids and dissociates synapsins from synaptic vesicles.

APPLICATION AND USAGE:

The antibody can be used in Western blot analysis (0.5-4 µg/ml). It detects the 60-80 kDa synapsins. Jurkat cell lysates and rat kidney tissue lysate can be used as positive controls. Blocking peptide (Cat.# 6008BP-50) is available separately.

Note: For research use only. Not for human or drug use.



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Western blot analysis of Synapsin in Jurkat cell lysates (Lane 1, 2) and rat kidney tissue lysate (lane 3).

RELATED PRODUCTS:

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
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- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
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- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
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