

Synapsin Polyclonal Antibody

CATALOG NO: 6008-30T 30 µg (Trial size)
6008-100 100 µg

CONCENTRATION: 0.5 mg/ml

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:

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:

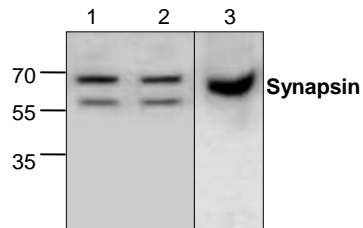
Store at -20°C. For long-term storage, aliquot and refreeze at -70°C. Avoid repeated freeze/thaw cycles.

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 diassociates 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.



Synapsin Cat. #:6008-100
Western blot analysis of Synapsin in Jurkat cell lysates (Lane 1, 2) and rat kidney tissue lysate (lane 3).

RELATED PRODUCTS:

Apoptosis Detection Kits & Reagents

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

Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

Molecular Biology & Reporter Assays

- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

Growth Factors and Cytokines

Monoclonal and Polyclonal Antibodies

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