

## NAIP Polyclonal Antibody

**CATALOG #:** 3228-100

**AMOUNT:** 100 µg

**LOT #:** \_\_\_\_\_

**HOST:** Rabbit

**IMMUNOGEN:** Synthetic peptide surrounding amino acid 506 of human NAIP (ID# BV-542)

**SPECIES REACTIVITY:** Human

### FORMULATION:

100 µg (0.2 mg/ml) affinity-purified rabbit anti-NAIP polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

### STORAGE CONDITIONS:

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

### BACKGROUND DESCRIPTION:

NAIP (neuronal apoptosis inhibitor protein) is a member of the IAPs (inhibitor of apoptosis proteins) that function in cell death pathways to inhibit apoptosis. NAIP was discovered based on its association with a neurodegenerative disorder. Mutations and deletions in the NAIP gene locus is a contributing factor in spinal muscular atrophy. Coexpression of NAIP and hippocampin protects neurons against calcium-induced cell death. NAIP is strongly expressed in anterior horn and motor cortex neurons of the normal brain. It is also found in human fetal neurons and in adult choroid plexus cells.

### APPLICATION AND USAGE:

The antibody detects recombinant human NAIP in extracts from *Sf21* insect cells by Western blot analysis (0.5-4 µg/ml). Other applications have not been tested. Blocking peptide (Cat.# 3228BP-50) is available separately.

**FOR RESEARCH USE ONLY! Not to be used on humans.**

### 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