

NAIP Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10181**Specification**

NAIP Antibody - Product Information

Application	WB
Primary Accession	Q13075
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	159582

NAIP Antibody - Additional Information**Gene ID** 4671**Application & Usage****The antibody detects recombinant human NAIP in extracts from Sf21 insect cells by Western blot analysis (0.5-4 µg/ml).****Other Names**

NAIP, BIRC1, NLRB1, FLJ42520 , psiNAIP

Target/Specificity

NAIP

Antibody Form

Liquid

Appearance

Colorless liquid

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.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

NAIP Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

NAIP Antibody - Protein Information

Name NAIP

Synonyms BIRC1

Function

Anti-apoptotic protein which acts by inhibiting the activities of CASP3, CASP7 and CASP9. Can inhibit the autocleavage of pro-CASP9 and cleavage of pro-CASP3 by CASP9. Capable of inhibiting CASP9 autoproteolysis at 'Asp-315' and decreasing the rate of auto proteolysis at 'Asp-330'. Acts as a mediator of neuronal survival in pathological conditions. Prevents motor-neuron apoptosis induced by a variety of signals. Possible role in the prevention of spinal muscular atrophy that seems to be caused by inappropriate persistence of motor- neuron apoptosis: mutated or deleted forms of NAIP have been found in individuals with severe spinal muscular atrophy.

Tissue Location

Expressed in motor neurons, but not in sensory neurons. Found in liver and placenta, and to a lesser extent in spinal cord

NAIP Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NAIP Antibody - Images

NAIP Antibody - Background

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 hippocalcin 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.