

NAIP Antibody (N-Term)
Peptide-affinity purified goat antibody
Catalog # AF3142a

Specification

NAIP Antibody (N-Term) - Product Information

Application	E
Primary Accession	O13075
Other Accession	NP_004527.2 , 4671
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	159582

NAIP Antibody (N-Term) - Additional Information

Gene ID 4671

Other Names

Baculoviral IAP repeat-containing protein 1, Neuronal apoptosis inhibitory protein, NAIP, BIRC1

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

NAIP Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

NAIP Antibody (N-Term) - 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 (N-Term) - 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 (N-Term) - Images**NAIP Antibody (N-Term) - Background**

This antibody is expected to recognize reported isoform 1 (NP_004527.2).

NAIP Antibody (N-Term) - References

NAIP and IpaF control Legionella pneumophila replication in human cells. Vinzing M, Eitel J, Lippmann J, Hocke AC, Zahlten J, Slevogt H, N'guessan PD, Günther S, Schmeck B, Hippenstiel S, Flieger A, Suttorp N, Opitz B. J Immunol. 2008 May 15;180(10):6808-15. PMID: 18453601