

Anti-NAIP Antibody

Catalog Number: A02699

About NAIP

Neuronal apoptosis inhibitor protein (NAIP) was the first human inhibitor of apoptosis protein (IAP) identified and was discovered by its association with the neurodegenerative disorder spinal muscular atrophy. Members of the IAP family contain one to three copies of an approximately 70 amino acid motif termed baculovirus IAP repeat (BIR); these BIRs promote protein-protein interactions with various caspases such as caspase-3, -7, and -9 as well as members of the TRAF family of signal molecules. Unlike other IAPs however, NAIP requires ATP to bind caspase-9 and is not inhibited by the IAP-inhibiting molecule Smac/DIABLO, suggesting that NAIP is unique among the IAPs in its regulation of its activity. Finally, although only one human NAIP protein has been identified, other shorter NAIP mRNA transcripts have been reported.

Overview

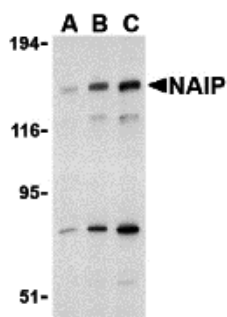
Product Name	Anti-NAIP Antibody
Reactive Species	Human
Description	Boster Bio Anti-NAIP Antibody (Catalog # A02699). Tested in ELISA, WB, ICC, IF applications. This antibody reacts with Human.
Application	ELISA, IF, ICC, WB
Clonality	Polyclonal
Formulation	NAIP Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	NAIP antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q13075

Technical Details

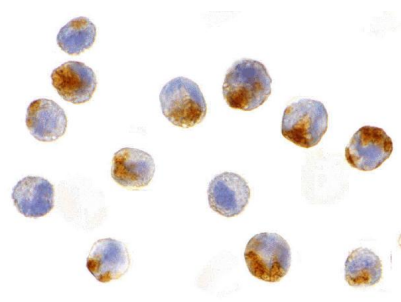
Immunogen	NAIP antibody was raised against a synthetic peptide corresponding to 13 amino acids at the C-terminus of human NAIP. The immunogen is located within amino acids 1200 - 1250 of NAIP.
Predicted Reactive Species	Mouse
Cross Reactivity	Minor, lower molecular weight bands may represent alternately spliced forms.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL

Purification	NAIP Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>NAIP antibody can be used for the detection of NAIP by Western blot at 0.5 to 1 ug/mL. Antibody can also be used for immunocytochemistry starting at 10 ug/mL. For immunofluorescence start at 20 ug/mL.</p> <p>Antibody validated: Western Blot in human samples; Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.</p>

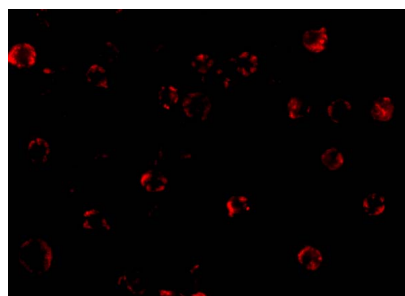
Anti-NAIP Antibody (A02699) Images



Western blot analysis of NAIP in human tonsil tissue lysate with NAIP antibody at 1 ug/mL.



Immunocytochemistry of NAIP in A549 cells with NAIP antibody at 10 ug/mL.



Immunofluorescence of NAIP in A549 cells with NAIP antibody at 20 ug/mL.

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