

Product datasheet

Anti-NAIP antibody ab25968

★★★★★ [1 Abreviews](#) [10 References](#) [5 Images](#)

Overview

Product name	Anti-NAIP antibody
Description	Rabbit polyclonal to NAIP
Host species	Rabbit
Specificity	ab25968 recognises Neuronal apoptosis inhibitor protein (NAIP).
Tested applications	Suitable for: WB, ELISA, IHC-P, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide, corresponding to 13 C terminal amino acids of Human NAIP (Genbank accession No. AAC52047).
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab25968 in the following tested applications.

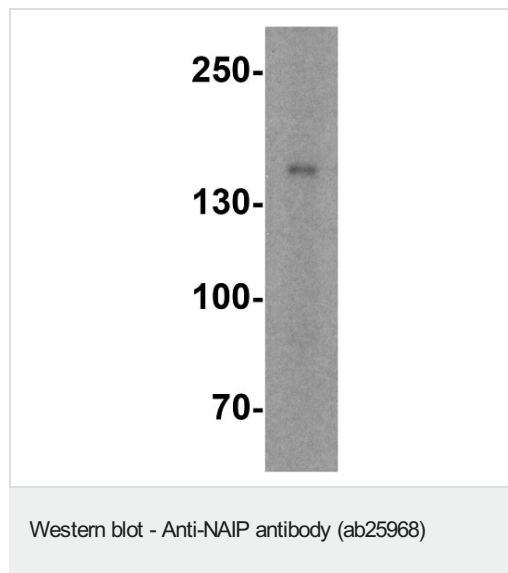
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★ (1)	Use a concentration of 0.5 - 1 µg/ml. Detects a band of approximately 160 kDa (predicted molecular weight: 160 kDa).
ELISA		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration. PubMed: 20844241
ICC/IF		Use a concentration of 10 µg/ml.

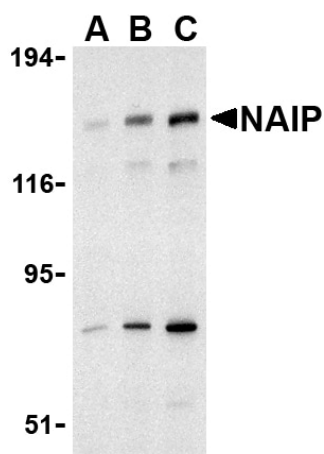
Target

Function	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 specificity	Expressed in motor neurons, but not in sensory neurons. Found in liver and placenta, and to a lesser extent in spinal cord.
Sequence similarities	Contains 3 BIR repeats. Contains 1 NACHT domain.

Images



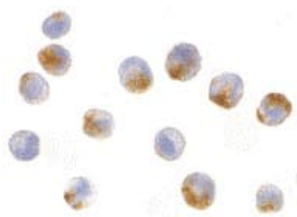
Western Blot of human tonsil lysate labeling NAIP with Anti-NAIP antibody (ab25968) at 1µg/ml.



Western blot - Anti-NAIP antibody (ab25968)

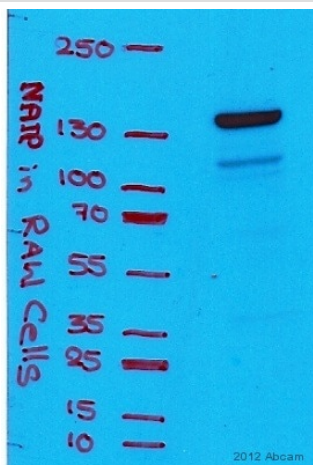
Western blot analysis of NAIP in PC-3 cell lysate with anti-NAIP (CT) at (A) 0.5, (B) 1, and (C) 2 μ g/ml.

Minor, lower molecular weight bands may represent alternately spliced forms.



Immunocytochemistry/ Immunofluorescence - Anti-NAIP antibody (ab25968)

ab25968 at 10 μ g/ml staining NAIP in A549 cells by ICC/IF



Western blot - Anti-NAIP antibody (ab25968)

This image is courtesy of an Abreview submitted by Dr Mahesh Shivananjappa

Anti-NAIP antibody (ab25968) at 1/1500 dilution + Mouse RAW 264.7 cell lysate at 20 μ g

Secondary

HRP Goat anti-rabbit IgG polyclonal at 1/10000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 160 kDa

Observed band size: 150 kDa

Additional bands at: 110 kDa (possible non-specific binding)

Exposure time: 1 minute

Immunocytochemistry/ Immunofluorescence - Anti-NAIP antibody (ab25968)

Immunofluorescence of NAIP in A549 cells using ab25968 at 20 ug/ml.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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