

Product datasheet for **TA306166**

NAIP Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 0.5 - 2 ug/mL, ICC: 10 ug/mL, IF: 20 ug/mL
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	NAIP antibody was raised against a synthetic peptide corresponding to 13 amino acids at the C-terminus of human NAIP.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	NLR family, apoptosis inhibitory protein
Database Link:	NP_004527 Entrez Gene 4671 Human Q13075



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Background:

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 (1,2). 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 (reviewed in 3). Unlike other IAPs however, NAIP requires ATP to bind caspase-9 and is not inhibited by the IAP-inhibiting molecule Smac/DIABLO (4), 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 (5).

Synonyms:

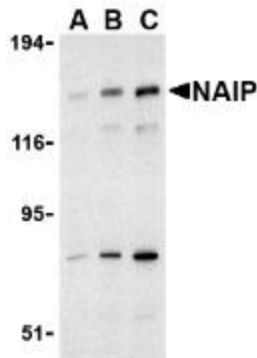
BIRC1; NLRB1; psiNAIP

Protein Families:

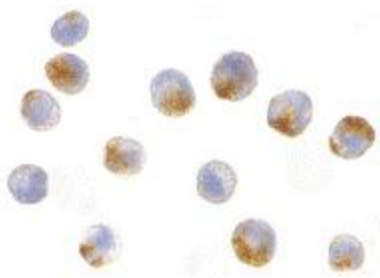
Druggable Genome

Protein Pathways:

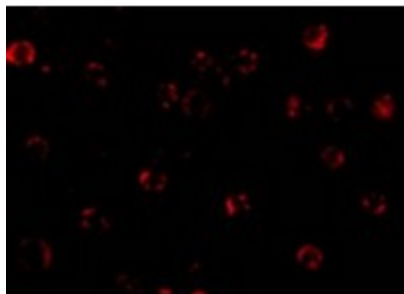
NOD-like receptor signaling pathway

Product images:

Western blot analysis of NAIP in PC-3 cell lysate with NAIP antibody at (A) 0.5, (B) 1, and (C) 2 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.