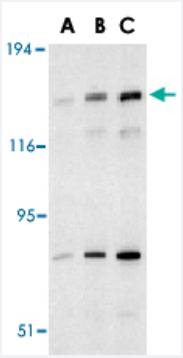
NAIP polyclonal antibody

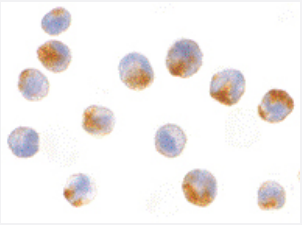
Catalog # PAB12920 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of NAIP in PC-3 cell lysate with NAIP polyclonal antibody (Cat # PAB12920) at (A) 0.5, (B) 1, and (C) 2 ug/mL .



Immunocytochemistry

Immunocytochemistry of NAIP in A-549 cells with NAIP polyclonal antibody (Cat # PAB12920) at 10 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of NAIP.
Immunogen	A synthetic peptide corresponding to C-terminus 13 amino acids of human NAIP.
Host	Rabbit
Reactivity	Human
Form	Liquid
Recommend Usage	Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of NAIP in PC-3 cell lysate with NAIP polyclonal antibody (Cat # PAB12920) at (A) 0.5, (B) 1, and (C) 2 ug/mL .

- Immunocytochemistry

  Immunocytochemistry of NAIP in A-549 cells with NAIP polyclonal antibody (Cat # PAB12920) at 10 ug/mL .

Gene Info — NAIP

Entrez GeneID	4671
Protein Accession#	AAC52047
Gene Name	NAIP
Gene Alias	BIRC1, FLJ18088, FLJ42520, FLJ58811, NLRB1, psiNAIP
Gene Description	NLR family, apoptosis inhibitory protein
Omim ID	600355
Gene Ontology	Hyperlink
Gene Summary	This gene is part of a 500 kb inverted duplication on chromosome 5q13. This duplicated region c ontains at least four genes and repetitive elements which make it prone to rearrangements and d eletions. The repetitiveness and complexity of the sequence have also caused difficulty in determi ning the organization of this genomic region. This copy of the gene is full length; additional copies with truncations and internal deletions are also present in this region of chromosome 5q13. It is th ought that this gene is a modifier of spinal muscular atrophy caused by mutations in a neighboring gene, SMN1. The protein encoded by this gene contains regions of homology to two baculovirus i nhibitor of apoptosis proteins, and it is able to suppress apoptosis induced by various signals. Alt ernatively spliced transcript variants encoding distinct isoforms have been found for this gene. [pr ovided by RefSeq

Other Designations	NLR family, BIR domain containing 1|OTTHUMP00000125255|baculoviral IAP repeat-containing 1|neuronal apoptosis inhibitory protein|nucleotide-binding oligomerization domain, leucine rich repeat and BIR domain containing 1|psi neuronal apoptosis inhibitory p

Publication Reference

- Neuronal apoptosis-inhibitory protein does not interact with Smac and requires ATP to bind caspase-9.

  Davoodi J, Lin L, Kelly J, Liston P, MacKenzie AE.

  The Journal of Biological Chemistry 2004 Sep; 279(39):40622.

- The inhibitors of apoptosis: there is more to life than Bcl2.

  Liston P, Fong WG, Korneluk RG.

  Oncogene 2003 Nov; 22(53):8568.

  Application: WB-Tr, Human, Mammalian cells

- The gene for neuronal apoptosis inhibitory protein is partially deleted in individuals with spinal muscular atrophy.

  Roy N, Mahadevan MS, McLean M, Shutler G, Yaraghi Z, Farahani R, Baird S, Besner-Johnston A, Lefebvre C, Kang X, et al..

  Cell 1995 Jan; 80(1):167.

  Application: WB-Ti, Human, Human tissues, Livers, Placenta

Disease

- Genetic Predisposition to Disease
- Muscular Atrophy
- Spinal Muscular Atrophies of Childhood
- Spinal muscular atrophy