

Rabbit anti-Human NALP1 Polyclonal Antibody | anti-NLRP1 antibody

NALP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39382	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

NALP1; Polyclonal Antibody; NALP1 Antibody; NAC; CARD7; CIDED; SLEV1; DEFCAP; PP1044; VAMAS1; CLR17.1; DEFCAP-L/S; KIAA0926; NACHT; LRR and PYD domains-containing protein 1; Caspase recruitment domain-containing protein 7; NLR family; pyrin domain containing 1; anti-NLRP1 antibody

PRODUCT SPECIFICATIONS

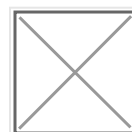
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	NALP1 Antibody is immunoaffinity chromatography purified IgG.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	1429
Applicable Applications for anti-NLRP1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	NALP1 antibody was raised against a peptide corresponding to 13 amino acids near the carboxy terminus of human NALP1.
Buffer	NALP1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	NALP1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



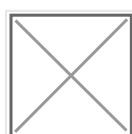
IF (Immunofluorescence)

Immunofluorescence of NALP1 in K562 cells with NALP1 antibody at 20 μg/mL.



ICC (Immunocytochemistry)

Immunocytochemistry of NALP1 in K562 cells with NALP1 antibody at 10 μg/mL.



WB (Western Blot)

Western blot analysis of NALP1 in U937 cell lysate with NALP1 antibody at (A) 1, (B) 2 and (C) 4 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-NLRP1 antibody	NALP1 Antibody: NALP1 belongs to a family of cytoplasmic proteins that have been implicated in cell responses to apoptotic and inflammatory stimuli. It contains a caspase recruitment domain (CARD) in addition to a NACHT domain and leucine rich repeat (LRR). This protein interacts strongly with caspase 2 and weakly with caspase 9, as well as with Apaf-1. Transient overexpression of this gene in cultured cells was sufficient to induce apoptosis. NALP1 mRNA and protein expression levels in myeloid leukemia cells are increased following CREB (cAMP-response element binding protein) activation, suggesting that NALP1 may contribute to modulate the response of these cells to pro-inflammatory stimuli. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for NALP1.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11096303
NCBI GeneID	22861
UniProt Accession #	Q9C000; Q9BZZ8; Q9BZZ9; Q9H5Z7; Q9H5Z8; Q9HAV8; Q9UFT4; Q9Y2E0; E9PE50; I6L9D9
Molecular Weight	46,068 Da
NCBI Official Full Name	NALP1
NCBI Official Synonym Full Names	NLR family, pyrin domain containing 1
NCBI Official Symbol	NLRP1
NCBI Official Synonym Symbols	NAC; CARD7; CIDED; NALP1; SLEV1; DEFCAP; PP1044; VAMAS1; CLR17.1; DEFCAP-L/S
NCBI Protein Information	NACHT, LRR and PYD domains-containing protein 1; caspase recruitment domain protein 7; NACHT, LRR and PYD containing protein 1; NACHT, leucine rich repeat and PYD containing 1; caspase recruitment domain-containing protein 7; nucleotide-binding domain and caspase recruitment domain; death effector filament-forming Ced-4-like apoptosis protein; NACHT, leucine rich repeat and PYD (pyrin domain) containing 1; nucleotide-binding oligomerization domain, leucine rich repeat and pyrin domain containing 1
UniProt Protein Name	NACHT, LRR and PYD domains-containing protein 1
UniProt Gene Name	NLRP1
UniProt Synonym Gene Names	CARD7; DEFCAP; KIAA0926; NAC; NALP1
UniProt Entry Name	NALP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nalp1-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/39382>