

Rabbit anti-Human, Mouse NALP3 Polyclonal Antibody | anti-NLRP3 antibody

NALP3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39808	Rabbit	Human, Mouse	Immunofluorescence, Western Blot, ELISA

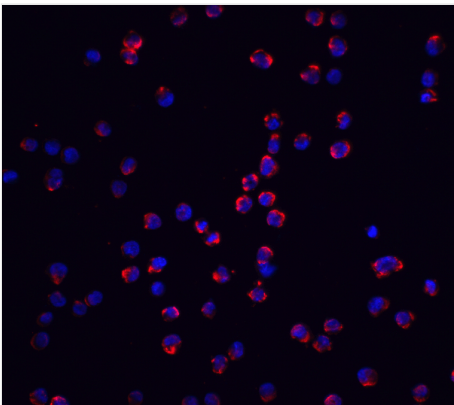
PRODUCT SYNONYMS

NALP3; Polyclonal Antibody; NALP3 Antibody; All; AVP; FCU; MWS; FCAS; CIAS1; C1orf7; CLR1.1; PYPAF1; AGTAVPRL; NACHT; LRR and PYD domains-containing protein 3; Cold autoinflammatory syndrome 1 protein; NLR family; pyrin domain containing 3; anti-NLRP3 antibody

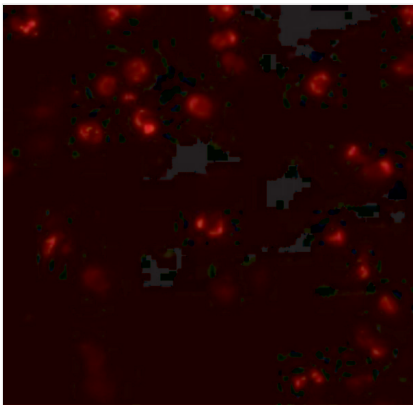
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	NALP3 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	922
Applicable Applications for anti-NLRP3 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	NALP3 antibody was raised against a 16 amino acid synthetic peptide from near the amino terminus of human NALP3.
Buffer	NALP3 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	NALP3 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.

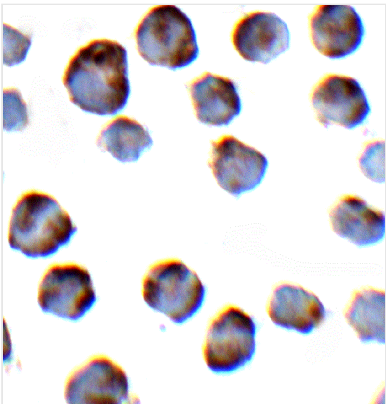
IMAGES



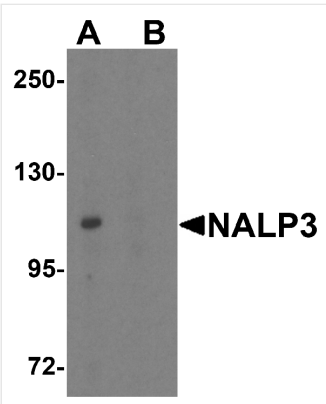
IF (Immunofluorescence)
Immunofluorescence of NALP3 in K562 cells with NALP3 antibody at 5 μg/mL.Red: NALP3 Antibody (5447)Blue: DAPI staining



IF (Immunofluorescence)
Immunofluorescence of NALP3 in K562 cells with NALP3 antibody at 20 μg/mL.



ICC (Immunocytochemistry)
Immunocytochemistry of NALP3 in K562 cells with NALP3 antibody at 2 μg/mL.



WB (Western Blot)
Western blot analysis of NALP3 in K562 cell lysate with NALP3 antibody at 1 μg/mL (A) in the absence and (B) in the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-NLRP3 antibody	NALP3 Antibody: NALP3, a member of Nod-like receptors, has a crucial role in inflammation and immunity and may be a proximal sensor of cellular stress and danger signals. NALP3 forms a caspase-1 activating molecular complex termed the inflammasome. The inflammasome allows activation of IL-1?, the key player of the inflammation and fever. NALP3 gene encodes a pyrin like protein which contains a pyrin domain, a nucleotide binding site (NBS) domain, and a leucine rich repeat (LRR) motif. NALP3 protein interacts with apoptosis associated speck like protein containing a CARD and may function as an inducer of apoptosis and an activator of NF-?B signaling. Defects in NALP3 have been associated with familial cold autoinflammatory syndrome (FCAS), Muckle-Wells syndrome (MWS), chronic infantile neurological cutaneous and articular (CINCA) syndrome, and neonatal-onset multisystem inflammatory disease (NOMID).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	34878690
NCBI GeneID	114548
NCBI Accession #	NP_899632
NCBI GenBank Nucleotide #	NM_183395.2
UniProt Accession #	Q96P20; O75434; Q17RS2; Q59H68; Q5JQS8; Q5JQS9; Q6TG35; Q8TCW0; B2RC97; B7ZKS9; B7ZKT2; B7ZKT3
Molecular Weight	115,968 Da

NCBI Official Full Name	NACHT, LRR and PYD domains-containing protein 3 isoform b
NCBI Official Synonym Full Names	NLR family, pyrin domain containing 3
NCBI Official Symbol	NLRP3
NCBI Official Synonym Symbols	AI1; AVP; FCU; MWS; FCAS; CIAS1; FCAS1; NALP3; C1orf7; CLR1.1; PYPAF1; AGTAVPRL
NCBI Protein Information	NACHT, LRR and PYD domains-containing protein 3; cryopyrin; caterpillar protein 1.1; PYRIN-containing APAF1-like protein 1; NACHT, LRR and PYD containing protein 3; cold autoinflammatory syndrome 1 protein; NACHT domain-, leucine-rich repeat-, and PYD-containing protein 3; nucleotide-binding oligomerization domain, leucine rich repeat and pyrin domain containing 3
UniProt Protein Name	NACHT, LRR and PYD domains-containing protein 3
UniProt Gene Name	NLRP3
UniProt Synonym Gene Names	C1orf7; CIAS1; NALP3; PYPAF1; CLR1.1
UniProt Entry Name	NALP3_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/nalp3-antibody-immunofluorescence-western-blot-elisa/39808>