

Rabbit NLRP3 Polyclonal Antibody | anti-NLRP3 antibody

NLRP3 Polyclonal Antibody

CATALOG # AAA179490	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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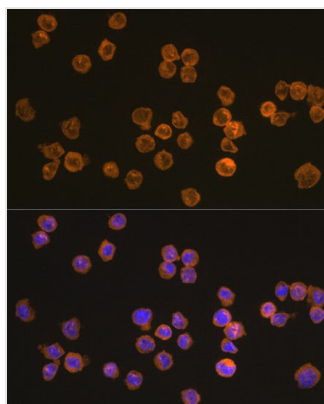
PRODUCT SYNONYMS

NLRP3; Polyclonal Antibody; NLRP3 Polyclonal Antibody; AGTAVPRL; All; AVP; C1orf7; CIAS1; CLR1.1; FCAS; FCAS1; FCU; MWS; NALP3; PYPAF1; anti-NLRP3 antibody

PRODUCT SPECIFICATIONS

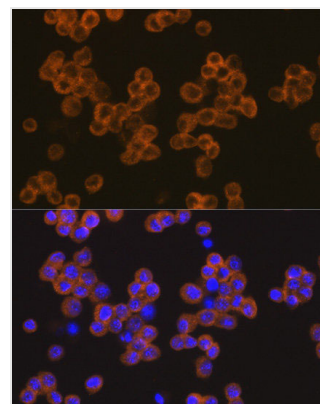
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-NLRP3 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human NLRP3
Research Area	Cancer, Cell Biology, Cardiovascular, Immunology, Signal Transduction
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



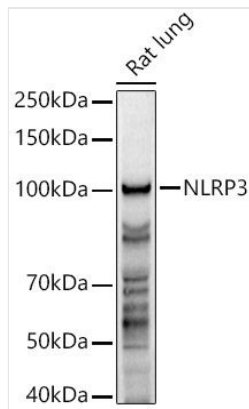
IF (Immunofluorescence)

Immunofluorescence analysis of THP-1 cells using NLRP3 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of Raw264.7 cells using NLRP3 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of Rat lung using NLRP3 Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-NLRP3 antibody	This gene encodes a pyrin-like protein containing a pyrin domain, a nucleotide-binding site (NBS) domain, and a leucine-rich repeat (LRR) motif. This protein interacts with the apoptosis-associated speck-like protein PYCARD/ASC, which contains a caspase recruitment domain, and is member of the NALP3 inflammasome complex. This complex functions as an upstream activator of NF-kappaB signaling, and it plays a role in the regulation of inflammation, the immune response, and apoptosis. Mutations in this gene are 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). Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. Alternative 5' UTR structures are suggested by available data; however, insufficient evidence is available to determine if all of the represented 5' UTR splice patterns are biologically valid.
Product Categories/Family for anti-NLRP3 antibody	Antibodies; Primary Antibodies; Polyclonal Antibody

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	ALI; 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-con
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

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/nlrp3-antibody-immunofluorescence-western-blot-elisa/179490>