

Rabbit anti-Human NLRP3 Polyclonal Antibody | anti-NLRP3 antibody

NLRP3 Antibody (N-term)

CATALOG # AAA287302	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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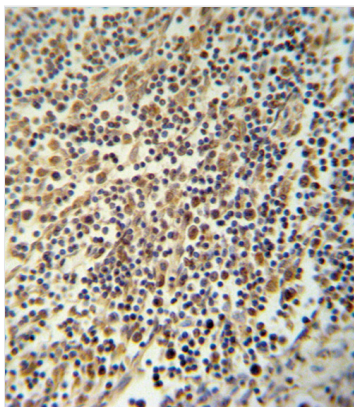
PRODUCT SYNONYMS

NLRP3; Polyclonal Antibody; NLRP3 Antibody (N-term); NACHT; LRR and PYD domains-containing protein 3; Angiotensin/vasopressin receptor All/AVP-like; Caterpillar protein 11; CLR11; Cold autoinflammatory syndrome 1 protein; Cryopyrin; PYRIN-containing APAF1-like protein 1; C1orf7; CIAS1; NALP3; PYPAF1; anti-NLRP3 antibody

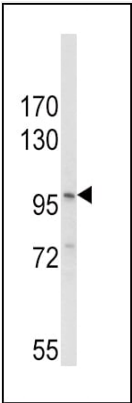
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NLRP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 65-91 amino acids from the N-terminal region of human NLRP3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	65-91
Sequence Length	1,016
Applicable Applications for anti-NLRP3 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
NLRP3 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human lymph tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the NLRP3 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of NLRP3 Antibody (N-term) in MDA-MB231 cell line lysates (35ug/lane).NLRP3 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-NLRP3 antibody	NLRP3 is 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 a 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.
Product Categories/Family for anti-NLRP3 antibody	Cancer; Cardiovascular; Cell biology; Immunology; Signal transduction
References	Feldmann,J., et.al., Am. J. Hum. Genet. 71 (1), 198-203 (2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	119395764
NCBI GeneID	114548
NCBI Accession #	NP_001073289.1; NP_001120933.1; NP_001120934.1; NP_001230062.1; NP_004886.3; NP_899632.1
NCBI GenBank Nucleotide #	NM_001079821.2
UniProt Accession #	Q96P20; O75434; Q17RS2; Q59H68; Q5JQS8; Q5JQS9; Q6TG35; Q8TCW0; B2RC97; B7ZKS9; B7ZKT2; B7ZKT3
Molecular Weight	118173
NCBI Official Full Name	NACHT, LRR and PYD domains-containing protein 3 isoform a
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
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/nlrp3-antibody-immunohistochemistry-western-blot-elisa/287302>