

Rabbit NLRP3 Polyclonal Antibody | anti-NLRP3 antibody

NLRP3 Polyclonal Antibody

CATALOG # AAA168287	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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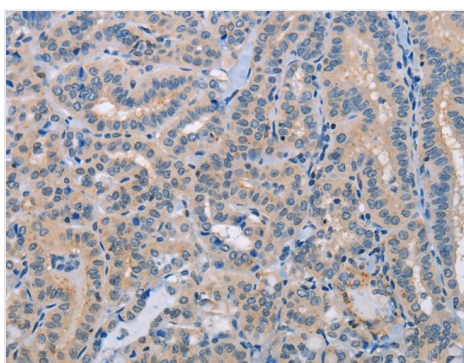
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

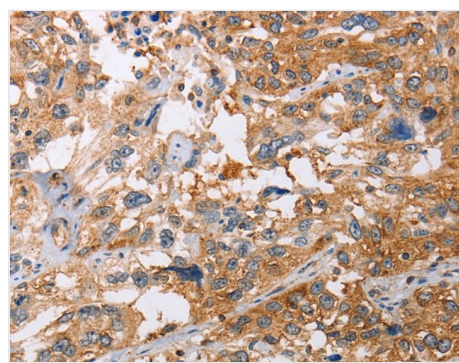
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.6mg/mL (varies by lot)
Sequence Length	1034
Applicable Applications for anti-NLRP3 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant protein of human NLRP3
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using NLRP3 Polyclonal Antibody at dilution 1:15



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using NLRP3 Polyclonal Antibody at dilution 1:15

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 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. 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	Cancer; Cell biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	341865590
NCBI GeneID	114548
NCBI Accession #	NP_001230062.1
NCBI GenBank Nucleotide #	NM_001243133.1
Molecular Weight	115,968 Da
NCBI Official Full Name	NACHT, LRR and PYD domains-containing protein 3 isoform e
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; NACHT domain-, leucine-rich repeat-, and PYD-containing protein 3; NACHT, LRR and PYD containing protein 3; PYRIN-containing APAF1-like protein 1; caterpillar protein 1.1; cold autoinflammatory syndrome 1 protein; cryopyrin; 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.