

Mouse anti-Mouse, Human NALP3 Monoclonal Antibody | anti-NALP3 antibody

NALP3 Monoclonal Antibody

CATALOG # AAA78204	HOST Mouse	REACTIVITY Mouse, Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

NALP3; Monoclonal Antibody; NALP3 Monoclonal Antibody; NLRP3; C1orf7; CIAS1; PYPAF1; anti-NALP3 antibody

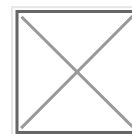
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Mouse, Human
Clonality	Monoclonal
Isotype	IgG2b Kappa
Clone Number	ABM2D48
Purity/Purification	Protein G Chromatography
Form/Format	Purified; 25 ug in 50 ul/100 ug in 200 ul PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Applicable Applications for anti-NALP3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A partial recombinant NALP3 protein (amino acids 150-385) was used as the immunogen for this antibody.
Preparation and Storage	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of NALP3 in human spleen tissue using NALP3 antibody (Clone: ABM2D48) at 5 ug/ml.


WB (Western Blot)

Western blot analysis of NALP3. Anti-NALP3 antibody (Clone: ABM2D48) was tested at 8 ug/ml on NIH 3T3 Lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-NALP3 antibody	NALP3 (NACHT, LRR and PYD domains-containing protein 3), otherwise known as cryopyrin, is a member of the NLR (Nodlike- receptors) family. This is a pyrin-like protein, having N-terminal CARD or pyrin domains needed for homotypic protein protein interaction, an intermediate nucleotide binding self oligomerization NACHT domain and a C-terminal domain containing leucine rich repeats (LRRs). NALP3 is a key component of innate immunity and its expression is restricted to immune cells and chondrocytes. It 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-kB signaling, and it plays an important role in the regulation of inflammation, the immune response, and apoptosis.
Product Categories/Family for anti-NALP3 antibody	TLR

NCBI AND UNIPROT INFORMATION

NCBI GI #	119395764
NCBI GeneID	114548
NCBI Accession #	NP_001073289.1
NCBI GenBank Nucleotide #	NM_001079821.2
UniProt Accession #	Q96P20; O75434; Q17RS2; Q59H68; Q5JQS8; Q5JQS9; Q6TG35; Q8TCW0; B2RC97; B7ZKS9; B7ZKT2; B7ZKT3
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	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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/nalp3-antibody-clone-abm2d48-immunohistochemistry-western-blot-elisa/78204>