

Rabbit anti-Mouse Nlrp3 Polyclonal Antibody | anti-Nlrp3 antibody

Nlrp3 Antibody

CATALOG # AAA231127	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunofluorescence, ELISA
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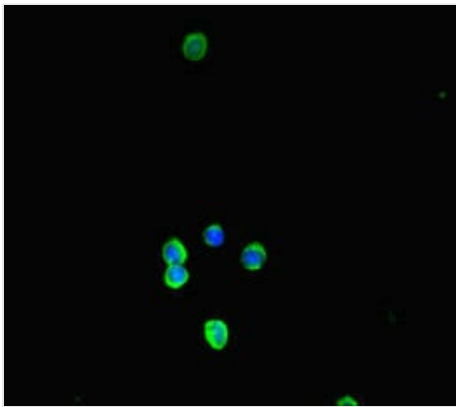
PRODUCT SYNONYMS

Nlrp3; Polyclonal Antibody; Nlrp3 Antibody; NACHT; LRR and PYD domains-containing protein 3; Cold autoinflammatory syndrome 1 protein homolog; Cryopyrin; Mast cell maturation-associated-inducible protein 1; PYRI; Cias1; Mmig1; Nalp3; Pypaf1; anti-Nlrp3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1033
Applicable Applications for anti-Nlrp3 antibody	IF (Immunofluorescence), ELISA
Immunogen	Recombinant mouse NACHT, LRR and PYD domains-containing protein 3 protein (1-153AA)
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Species	Mus musculus (Mouse)
Research Area	Immunology
Target Names	Nlrp3
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)
Immunofluorescent analysis of HepG2 cells using AAA231127 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

ADDITIONAL INFORMATION

Related Product Information for anti-Nlrp3 antibody	Nlrp3 polyclonal antibody MBS7044169 was produced in the rabbit immunized by using the Recombinant Mouse NACHT, LRR and PYD domains- containing protein 3 protein (1-153AA) as the immunogen. The target protein Nlrp3 plays a crucial role in innate immunity and inflammation as the sensor component of the NLRP3 inflammasome. In response to pathogens and other damageassociated signals, it can initiate the formation of the inflammasome polymeric complex, made of NLRP3, PYCARD and CASP1 (or possibly CASP4/CASP11). This Rabbit anti-Mus musculus (Mouse) Nlrp3 Polyclonal antibody was tested in the ELISA and IF applications. The non-conjugated IgG got purified by protein G and reached up to 95% in purity. It only reacts with the Nlrp3 proteins of humanorigin and may be used to detect the endogenous levels of Nlrp3 protein.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	22003870
NCBI GeneID	216799
NCBI Accession #	NP_665826.1
NCBI GenBank Nucleotide #	NM_145827.3
UniProt Accession #	Q8R4B8; Q1JQ87; Q1JQ88; Q6JEL0; T1W2H6
NCBI Official Full Name	NACHT, LRR and PYD domains-containing protein 3
NCBI Official Synonym Full Names	NLR family, pyrin domain containing 3
NCBI Official Symbol	Nlrp3
NCBI Official Synonym Symbols	FCU; MWS; FCAS; Cias1; Mmig1; NALP3; Pypaf1; AII/AVP; 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	Cias1; Mmig1; Nalp3; Pypaf1
UniProt Entry Name	NLRP3_MOUSE

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.