

Rabbit anti-Human, mouse NLRP12 Polyclonal Antibody | anti-NLRP12 antibody

NLRP12 Antibody

CATALOG # AAA288889	HOST Rabbit	REACTIVITY Human, mouse	APPLICATIONS ELISA, Western Blot
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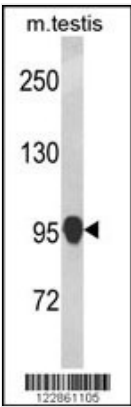
PRODUCT SYNONYMS

NLRP12; Polyclonal Antibody; NLRP12 Antibody; NACHT; LRR and PYD domains-containing protein 12; Monarch-1; PYRIN-containing APAF1-like protein 7; Regulated by nitric oxide; NALP12; PYPAF7; RNO; anti-NLRP12 antibody

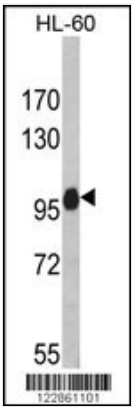
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NLRP12 antibody is generated from rabbits immunized with human NLRP12 recombinant protein.
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: 0.47 (varies by lot)
Sequence Length	1,062
Applicable Applications for anti-NLRP12 antibody	ELISA, WB (Western Blot)
Antigen Type	Recombinant Protein
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



WB (Western Blot)
Western blot analysis of NLRP12 Antibody in mouse testis tissue lysates (35ug/lane). NLRP12 (arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of NLRP12 Antibody in HL-60 cell line lysates (35ug/lane). NLRP12 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-NLRP12 antibody	NALPs are cytoplasmic proteins that form a subfamily within the larger CATERPILLER protein family. Most short NALPs, such as NALP12, have an N-terminal pyrin (MEFV; MIM 608107) domain (PYD), followed by a NACHT domain, a NACHT-associated domain (NAD), and a C-terminal leucine-rich repeat (LRR) region. The long NALP, NALP1 (MIM 606636), also has a C-terminal extension containing a function to find domain (FIIND) and a caspase recruitment domain (CARD). NALPs are implicated in the activation of proinflammatory caspases (e.g., CASP1; MIM 147678) via their involvement in multiprotein complexes called inflammasomes.
Product Categories/Family for anti-NLRP12 antibody	Cell Biology; Signal transduction
References	Ye,Z., Mol. Cell. Biol. 28 (5), 1841-1850 (2008) Jeru,I., Proc. Natl. Acad. Sci. U.S.A. 105 (5), 1614-1619 (2008) Arthur,J.C., J. Immunol. 179 (9), 6291-6296 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	459683881
NCBI GeneID	91662
NCBI Accession #	NP_001264055.1; NP_001264058.1; NP_653288.1
NCBI GenBank Nucleotide #	NM_001277126.1
UniProt Accession #	P59046; Q8NEU4; Q9BY26; A8MTQ2; B3KTE7
Molecular Weight	120173
NCBI Official Full Name	NACHT, LRR and PYD domains-containing protein 12 isoform 3
NCBI Official Synonym Full Names	NLR family, pyrin domain containing 12
NCBI Official Symbol	NLRP12
NCBI Official Synonym Symbols	RNO; PAN6; RNO2; FCAS2; NALP12; PYPAF7; CLR19.3
NCBI Protein Information	NACHT, LRR and PYD domains-containing protein 12
UniProt Protein Name	NACHT, LRR and PYD domains-containing protein 12
UniProt Gene Name	NLRP12
UniProt Synonym Gene Names	NALP12; PYPAF7; RNO

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://www.aaabiotech.com/polyclonal/nlrp12-antibody-western-blot-elisa/288889>