

NLRP12 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15179**Specification**

NLRP12 Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	P59046
Other Accession	NP_653288
Reactivity	Human
Predicted	Human, Rat, Pig, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	116kDa KDa

NLRP12 Antibody - N-terminal region - Additional Information**Gene ID** 91662**Alias Symbol** **NLRP12, NALP12, PYPAF7, RNO,**
Other Names
NACHT, LRR and PYD domains-containing protein 12, Monarch-1, PYRIN-containing APAF1-like protein 7, Regulated by nitric oxide, NLRP12, NALP12, PYPAF7, RNO**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 µl of distilled water. Final Anti-NLRP12 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

Precautions

NLRP12 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

NLRP12 Antibody - N-terminal region - Protein Information**Name** NLRP12**Synonyms** NALP12, PYPAF7, RNO**Function**Plays an essential role as a potent mitigator of inflammation (PubMed:[30559449](http://www.uniprot.org/citations/30559449)). Primarily expressed in dendritic cells and macrophages, inhibits both canonical and non-canonical NF-kappa-B and ERK activation pathways (PubMed:[15489334](http://www.uniprot.org/citations/15489334), PubMed:[17947705](http://www.uniprot.org/citations/17947705)). Functions as

a negative regulator of NOD2 by targeting it to degradation via the proteasome pathway (PubMed:30559449). In turn, promotes bacterial tolerance (PubMed:30559449). Inhibits also the RIGI- mediated immune signaling against RNA viruses by reducing the E3 ubiquitin ligase TRIM25-mediated 'Lys-63'-linked RIGI activation but enhancing the E3 ubiquitin ligase RNF125-mediated 'Lys-48'-linked RIGI degradation (PubMed:30902577). Acts also as a negative regulator of inflammatory response to mitigate obesity and obesity-associated diseases in adipose tissue (By similarity).

Cellular Location

Cytoplasm.

Tissue Location

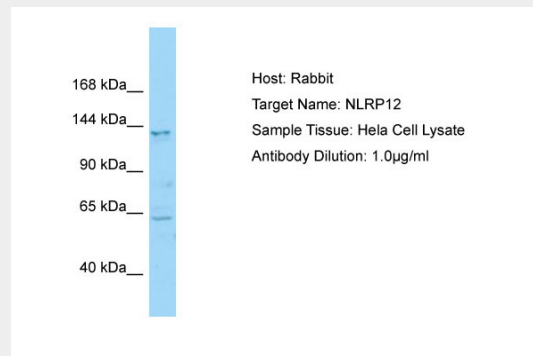
Detected only in peripheral blood leukocytes, predominantly in eosinophils and granulocytes, and at lower levels in monocytes.

NLRP12 Antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NLRP12 Antibody - N-terminal region - Images



Host: Rabbit
Target Name: NLRP12
Sample Tissue: HeLa Whole cell lysate
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Antibody Dilution: 1.0µg/ml

NLRP12 Antibody - N-terminal region - References

Wang L., et al. J. Biol. Chem. 277:29874-29880(2002).
Tschopp J., et al. Nat. Rev. Mol. Cell Biol. 4:95-104(2003).

Williams K.L.,et al.Submitted (MAY-2002) to the EMBL/GenBank/DDBJ databases.
Shami P.J.,et al.Br. J. Haematol. 112:138-147(2001).
Ota T.,et al.Nat. Genet. 36:40-45(2004).