

NLRP10 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58532**Specification****NLRP10 Polyclonal Antibody - Product Information**

| | |
|-------------------|------------------------|
| Application | IHC-P, IHC-F, IF, E |
| Primary Accession | Q86W26 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 75032 |

NLRP10 Polyclonal Antibody - Additional Information**Gene ID** 338322**Other Names**

NACHT, LRR and PYD domains-containing protein 10, Nucleotide-binding oligomerization domain protein 8, NLRP10, NALP10, NOD8, PYNOD

Dilution

IHC-P ~ ~ N/A
IHC-F ~ ~ N/A
IF ~ ~ 1:50 ~ 200
E ~ ~ N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

NLRP10 Polyclonal Antibody - Protein Information**Name** NLRP10**Synonyms** NALP10, NOD8, PYNOD**Function**

Inhibits autoprocessing of CASP1, CASP1-dependent IL1B secretion, PYCARD aggregation and PYCARD-mediated apoptosis but not apoptosis induced by FAS or BID (PubMed: [15096476](http://www.uniprot.org/citations/15096476)). Displays anti-inflammatory activity (PubMed: [20393137](http://www.uniprot.org/citations/20393137)). Required for immunity against C.albicans infection (By similarity). Involved in the innate immune response by contributing to pro-inflammatory cytokine release in response to invasive bacterial infection (PubMed: [22672233](http://www.uniprot.org/citations/22672233)). Contributes to T-cell-mediated inflammatory responses in the skin (By similarity). Plays a role in protection against periodontitis through its involvement in induction of IL1A via ERK activation in oral epithelial cells infected with periodontal pathogens (PubMed: [28766990](http://www.uniprot.org/citations/28766990)). Exhibits both

ATPase and GTPase activities (PubMed:23861819).

Cellular Location

Cytoplasm. Cell membrane; Peripheral membrane protein. Note=Cytoplasmic protein which is recruited to the cell membrane by NOD1 following invasive bacterial infection

Tissue Location

Highly expressed in basal and suprabasal epidermal cell layers with lower levels in dermal fibroblast cells (at protein level) (PubMed:22672233). Widely expressed with highest levels in heart, brain and skeletal muscle (PubMed:15096476). Also expressed in liver, colon, dermis and epidermis (PubMed:15096476). Little expression detected in myeloid cells or peripheral blood mononuclear cells (PubMed:15096476).

NLRP10 Polyclonal Antibody - 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](#)

NLRP10 Polyclonal Antibody - Images