

NLRP11 rabbit monoclonal antibody

Catalog # H00204801-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human NLRP11 peptide using ARM Technology.
Immunogen	A synthetic peptide of human NLRP11 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human NLRP11 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — NLRP11

Entrez GeneID	204801
GeneBank Accession#	NLRP11
Gene Name	NLRP11
Gene Alias	CLR19.6, FLJ26273, NALP11, NOD17, PAN10, PYPAF6, PYPAF7
Gene Description	NLR family, pyrin domain containing 11
Omim ID	609664
Gene Ontology	Hyperlink
Gene Summary	NALPs are cytoplasmic proteins that form a subfamily within the larger CATERPILLER protein family. Most short NALPs, such as NALP11, 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 (Tschopp et al., 2003 [PubMed 12563287]).[supplied by OMIM]
Other Designations	NACHT, LRR and PYD containing protein 11 NACHT, leucine rich repeat and PYD containing 11 PAAD- and NACHT-containing protein 10 PAAD- and NACHT-containing protein 10B PYRIN-containing APAF1-like protein 6 nucleotide-binding oligomerization domain, leucine

Disease

- [Crohn Disease](#)
- [Genetic Predisposition to Disease](#)