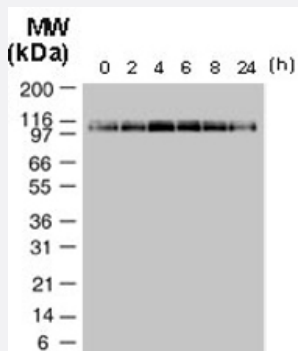


NLRP2 polyclonal antibody

Catalog # PAB0267 Size 50 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of NLRP2 in differentiated THP-1 cells following IFN γ (interferon) stimulation using NLRP2 polyclonal antibody (Cat # PAB0267) at 1 : 2000. TPA-differentiated THP-1 cells were cultured with 1000 units of IFN γ for 0-24 hours as described in Bruey et al, 2004. Culturing differentiated THP-1 with IFN γ resulted in transient elevations in NLRP2 expression which peaked at 4-8 h after IFN γ treatment.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of NLRP2.
Immunogen	A synthetic peptide corresponding to amino acids 144-159 of human NLRP2.
Sequence	LGKEVFKGKKPKDNR
Host	Rabbit
Reactivity	Human
Form	Liquid
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In serum (0.05% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of NLRP2 in differentiated THP-1 cells following IFN (interferon) g stimulation using NLRP2 polyclonal antibody (Cat # PAB0267) at 1 : 2000. TPA-differentiated THP-1 cells were cultured with 1000 units of IFNg for 0-24 hours as described in Bruey et al, 2004. Culturing differentiated THP-1 with IFNg resulted in transient elevations in NLRP2 expression which peaked at 4-8 h after IFNg treatment.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

- Immunohistochemistry (Frozen sections)

- Immunoprecipitation

Gene Info — NLRP2

Entrez GeneID	55655
Gene Name	NLRP2
Gene Alias	CLR19.9, FLJ20510, NALP2, NBS1, PAN1, PYPAF2
Gene Description	NLR family, pyrin domain containing 2
Omim ID	609364
Gene Ontology	Hyperlink
Gene Summary	NALP proteins, such as NALP2, are characterized by an N-terminal pyrin (MIM 608107) domain (PYD) and are involved in the activation of caspase-1 (CASP1; MIM 147678) by Toll-like receptors (see TLR4; MIM 603030). They may also be involved in protein complexes that activate proinflammatory caspases (Tschopp et al., 2003 [PubMed 12563287]).[supplied by OMIM]
Other Designations	NACHT, LRR and PYD containing protein 2 NACHT, leucine rich repeat and PYD containing 2 PYRIN-Containing APAF1-like nucleotide-binding oligomerization domain, leucine rich repeat and pyrin domain containing 2

Disease

- [Crohn Disease](#)

- [Genetic Predisposition to Disease](#)

- [Hematologic Neoplasms](#)

- [Recurrence](#)