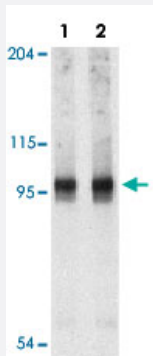


NLRP2 polyclonal antibody

Catalog # PAB12883 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of NLRP2 in PC-3 cell lysate with NLRP2 polyclonal antibody (Cat # PAB12883) at 1 and 2 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of NLRP2.
Immunogen	A synthetic peptide corresponding to C-terminus 12 amino acids of human NLRP2.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Recommend Usage	Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage 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 PC-3 cell lysate with NLRP2 polyclonal antibody (Cat # PAB12883) at 1 and 2 ug/mL .

Gene Info — NLRP2

Entrez GeneID	55655
Protein Accession#	NP_060322
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

Publication Reference

- [NLRs join TLRs as innate sensors of pathogens.](#)

Martinon F, Tschopp J.

Trends in Immunology 2005 Aug; 26(8):447.

Application: WB, Human, Human mammalian cells

- [PAN1/NALP2/PYPAF2, an inducible inflammatory mediator that regulates NF-kappaB and caspase-1 activation in macrophages.](#)

Bruey JM, Bruey-Sedano N, Newman R, Chandler S, Stehlik C, Reed JC.

The Journal of Biological Chemistry 2004 Sep; 279(50):51897.

Application: WB-Ce, WB-Tr, Human, HEK 293T, MCF-7, THP-1 cells

- [NALP3 forms an IL-1beta-processing inflammasome with increased activity in Muckle-Wells autoinflammatory disorder.](#)

Agostini L, Martinon F, Burns K, McDermott MF, Hawkins PN, Tschopp J.

Immunity 2004 Mar; 20(3):319.

Disease

- [Crohn Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Neoplasms](#)
- [Recurrence](#)