

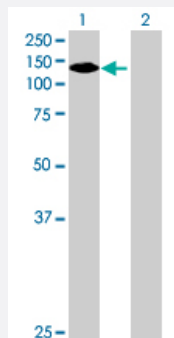
MaxPab®

NLRP2 MaxPab mouse polyclonal antibody (B01)

Catalog # H00055655-B01

Size 50 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of NLRP2 expression in transfected 293T cell line ([H00055655-T01](#)) by NLRP2 MaxPab polyclonal antibody.

Lane 1: NLRP2 transfected lysate(116.82 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human NLRP2 protein.

Immunogen

NLRP2 (NP_060322, 1 a.a. ~ 1062 a.a) full-length human protein.

Sequence

MVSSAQMGFNLQALLEQLSQDELKFKYLITTFSLAHELQKIPHKEVDKADGKQLVEILTTHCDSY
WVEMASLQVFEKMRMDLSERAKDEVREAALKSFNKRKPLSLGITRKERPPLDVDEMLERFKT
EAQAFTEKGNVICLGKEVFKGKKPKDKNRCRYLKTKFREMWKSWPGDSKEVQVMAERYKMLI
PFSNPRVLPGPFSYTVVLYGPAGLGKTTLAQKMLDWAEDNLIHKFYAFYLSCRELSRLGPCSF
AELVFRDWPELQDDIPHILAQARKILFVIDGFDELGAAPGALIEDICGDWEKKKPVVLLGSLNLRV
MLPKAALLVTTRPRALRDLRLAEEPYRVEGFLEEDRRAYFLRHFGDEDQAMRAFELMRSNAAL
FQLGSAPAVCWIVCTTLKLQMEKGEDPVPTCLTRTGLFLRFLCSRFPQGAQLRGALRTLSELLAAQ
GLWAQTSVLHREDLERLGVSQESDLRLFLDGDILRQDRVSKGCYSFIHLSFQQFLTALFYTLEKEEE
EDRDGHTWDIGDVQKLLSGVERLRNPDLIQAGYYSFGLANEKRAKELEATFGCRMSPDIKQELLR
CDISCKGGHSTVTDLQELLGCLYESQEEELVKEVMAQFKEISLHLNAVDVVPSSFCVKHCRNLQK
MSLQVIKENLPENVTASESDAEVERSQDDQHMLPFWTDLCSIFGSNKDLMGLAINDSFLSASLVR
ILCEQIASDTCHLQRVVFNISPADAHRNLCLALRGHKTIVTYLTLQGNDQDDMFALCEVLRHPEC
NLRYLGLVSCSATTQQWADLSLALEVNQSLTCVNLSDNELLDEGAKLLYTTLRHPKCFQLRSL
NCHLTEANCKDLAAVLVVSRELTHLCLAKNPIGNTGVKFLCEGLRYPECKLQTLVLWNCDITS
CCDLTKLLQEKSLLCLDLGLNHIGVKGMKFLCEALRKPLCNLRCLWLWGCSIPPFSCEDLCSAL
SCNQSLVTLDLGQNPLGSSGVKMLFETLTCSSGTLRTLRLKIDDFNDELNKLLEEIEEKNPQLIIDTE
KHHPWAERPSSHDFMI

Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Transfected lysate)

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — NLRP2

Entrez GeneID	55655
GeneBank Accession#	NM_017852
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

- [Maternally expressed NLRP2 links the subcortical maternal complex \(SCMC\) to fertility, embryogenesis and epigenetic reprogramming.](#)

Mahadevan S, Sathappan V, Utama B, Lorenzo I, Kaskar K, Van den Veyver IB.

Scientific Reports 2017 Mar; 7:44667.

Application: IF, IHC-P, IP-WB, Mouse, Mouse oocytes

Disease

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