

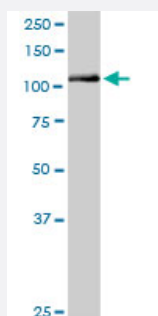
MaxPab®

NLRP2 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00055655-D01

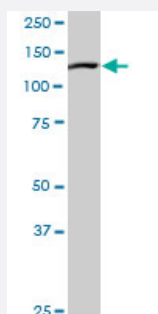
Size 100 uL

Applications



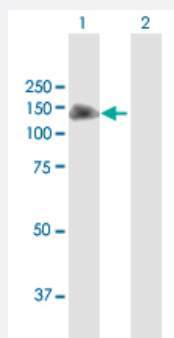
Western Blot (Tissue lysate)

NLRP2 MaxPab rabbit polyclonal antibody. Western Blot analysis of NLRP2 expression in human pancreas.



Western Blot (Tissue lysate)

NLRP2 MaxPab rabbit polyclonal antibody. Western Blot analysis of NLRP2 expression in mouse spleen.

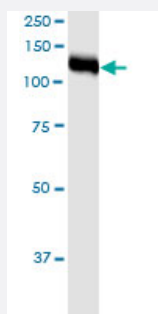


Western Blot (Transfected lysate)

Western Blot analysis of NLRP2 expression in transfected 293T cell line ([H00055655-T02](#)) by NLRP2 MaxPab polyclonal antibody.

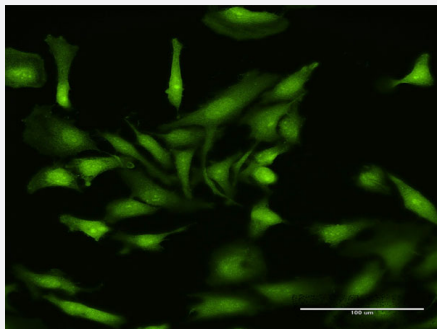
Lane 1: NLRP2 transfected lysate(120.5 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of NLRP2 transfected lysate using anti-NLRP2 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with NLRP2 purified MaxPab mouse polyclonal antibody (B01P) ([H00055655-B01P](#)).



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to NLRP2 on HeLa cell.
[antibody concentration 30 ug/ml]

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human NLRP2 protein.
Immunogen	NLRP2 (NP_060322.1, 1 a.a. ~ 1062 a.a) full-length human protein.
Sequence	MVSSAQMGFNLQALLEQLSQDELSEKFKYLITTFSLAHELQKIPHKEVDKADGKQLVEILTTHCDSY WVEMASLQVFEEKMHRMDLSERAKDEVREAALKSFNKRKPLSLGITRKERPPLDVDEMLERFKT EAQAFTEKGNVICLGKEVFKGKKPKDKNRCRYLKTKFREMWKSWPGDSKEVQVMAERYKMLI PFSNPRVLPGPSYTVVLYGPAGLGKTTLAQKMLDWAEDNLIHKFYAFYLSCRELSRLGPCSF AELVFRDWPELQDDIPHILAQARKILFVIDGFDELGAAPGALIEDICGDWEKKKPVVLLGSLNVR MLPKAALLVTRPRALRDLRILAEOPYRVEGFLEEDRRAYFLRHFGDEDQAMRAFELMRSNAAL FQLGSAPAVCWIVCTTLKLQMEKGEDPVPTCLTRTGLFLRFLCSRFPQGAQLRGALRTLSLAAQ GLWAQTSVLHREDLERLGVQESDLRLFLDGDILRQDRVSKGCYSFIHLSFQQFLTALFYLEKEEE EDRDGHTWDIGDVQKLLSGVERLRNPDLIQAGYYSFGLANEKRAKELEATFGCRMSPDIKQELLR CDISCKGGHSTVTDLQELLGCLYESQEEELVKEVMAQFKEISLHLNAVDDVPSSFCVKHCRNLQK MSLQVIKENLPENVTASESDAEVERSQDDQHMLPFWTDLCSIFGSNKDLMGLAINDSFLSASLVR ILCEQIASDTCHLQRVVFKNISPADAHRNLCLALRGHKTVTYLTLQGNDQDDMFALCEVLRHPEC NLRYLGLVSCSATTQQWADLSLALEVNQSLTCVNLSDNELLDEGAKLLYTLRHPKCFLQRLSLE NCHLTEANCKDLAAVLVVSRELTHLCLAKNPIGNTGKFLCEGLRYPECKLQTLVLWNCIDITSDG CCDLTKLLQEKSLLCLDLGLNHIGVKGMKFLCEALRKPLCNLRCLWLWGCSIPPFSCEDLCSAL SCNQSLVTLDLGQNPLGSSGVKMLFETLTCSSGTLRTLRLKIDDFNDELNKLLEEIEEKNPQLIIDTE KHHPWAERPSSHDFMI
Host	Rabbit
Reactivity	Human, Mouse
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.

Applications

- Western Blot (Tissue lysate)

NLRP2 MaxPab rabbit polyclonal antibody. Western Blot analysis of NLRP2 expression in human pancreas.

[Protocol Download](#)

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[Protocol Download](#)

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Western Blot analysis of NLRP2 expression in transfected 293T cell line ([H00055655-T02](#)) by NLRP2 MaxPab polyclonal antibody.

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunoprecipitation

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to NLRP2 on HeLa cell. [antibody concentration 30 ug/ml]

Gene Info — NLRP2

Entrez GeneID [55655](#)

GeneBank Accession# [NM_017852.1](#)

Protein Accession# [NP_060322.1](#)

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

- [NLRP2 and FAF1 deficiency blocks early embryogenesis in the mouse.](#)

Peng H, Liu H, Liu F, Gao Y, Chen J, Huo J, Han J, Xiao T, Zhang W.

Reproduction 2017 Jun; 154(3):145.

Application: IF, WB, Mouse, Mouse embryo, oocyte

Disease

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