

DNAxPAb

Hard-to-Find
Antibody

NLRP3 DNAxPab

Catalog # H00114548-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human NLRP3 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MKMASTRCKLARYLEDLEDVDLKKFKMHLEDYPPQKGCIPLRGQTEKADHVDLATLMIDFNGE EKAWAMAVWIFAAINRRDLYEKAKRDEPKWGSDNARVSNPTVICQEDSIEEEWMGLLEYLSRISIC KMKKDYRKRYKYVRSRFQCIEDRNARLGESVSLNKRYTRLRIKEHRSQQEREQELLAIGKTKTC ESPVSPIKMELLFDPDDEHSEPVHTVVFQGAAGIGKTLARKMMLDWASGTYQDRFDYLFYIHCR EVSLVTQRS LGDLMSCCPDPNPPIHKIVRKPSRILFLMDGFDELQGAFFDEHIGPLCTDWQKAERG DILLSSLIRKKLLPEASLLITRPVALEKLQHLLDHPRHVEILGFSEAKRKEYFFKYFSDEAQARAFA SLIQENEVLFTMCFIPLVCWVCTGLKQQMESGKSLAQTSKTTTAVYVFFLSSLLQPRGGSQEHGL CAHLWGLCSLAADGWNQKILFEESDLRNHGLQKADVSAFLRMNLFQKEVDCEKFYSFIHMTFQE FFAAMYLLLEEKEGRTNVPGSRLKLPSRDVTVLLENYKFEKGYLIFVVRFLFGLVNQERTSYLE KKLSCKISQQIRLELLKWIEVKAKAKKLQIQPSQLELFYCLYEMQEEDFVQRAMDYFPKIEINLSTRM DHMVSSFCIENCHRVESLSLGFLHNMPKEEEEEKEGRHLDMVQCVLPSSSHAACSHGLVNSH LTSSFCRGLFSVLSTSQSLTELDLSDNSLGDPGMRVLCETLQHPGCNIRRLWLGRCGLSHECCF DISLVSSNQKLVELDLSDNALGDFGIRLLCVGLKHLLCNLKKLWLVSCCLTSACCQDLASVLSTS HSLTRLVYGENALGDSGVAILCEKAKNPQC�NLQKLGLVN SGLTSVCCSALSSVLSTNQNLTHLYL RGNTLGDKGIKLLCEGLLHPDCKLQVLELDNCNLTS HCCWDLSTLLTSSQSLRKL SLGNNDLGDL GVMMFCEVLKQQSCLLQNLGLSEMYFN YETKSALETLQEEKPELTVVFEP SW
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — NLRP3

Entrez GeneID	114548
GeneBank Accession#	NM_004895.3
Protein Accession#	NP_004886.3
Gene Name	NLRP3
Gene Alias	AGTAVPRL, AII, AII/AVP, AVP, C1orf7, CIAS1, CLR1.1, FCAS, FCU, FLJ95925, MWS, NALP3, PYPAF1
Gene Description	NLR family, pyrin domain containing 3
Omim ID	120100 191900 606416 607115
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a pyrin-like protein containing a pyrin domain, a nucleotide-binding site (NBS) domain, and a leucine-rich repeat (LRR) motif. This protein interacts with the apoptosis-associated speck-like protein PYCARD/ASC, which contains a caspase recruitment domain, and is a member of the NALP3 inflammasome complex. This complex functions as an upstream activator of NF-kappaB signaling, and it plays a role in the regulation of inflammation, the immune response, and apoptosis. Mutations in this gene are associated with familial cold autoinflammatory syndrome (FCAS), Muckle-Wells syndrome (MWS), chronic infantile neurological cutaneous and articular (CINCA) syndrome, and neonatal-onset multisystem inflammatory disease (NOMID). Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. Alternative 5' UTR structures are suggested by available data; however, insufficient evidence is available to determine if all of the represented 5' UTR splice patterns are biologically valid. [provided by RefSeq]
Other Designations	AI/AVP receptor-like NACHT domain-, leucine-rich repeat-, and PYD-containing protein 3 NACHT, LRR and PYD containing protein 3 OTTHUMP00000038408 OTTHUMP00000038409 OTTHUMP00000038410 PYRIN-containing APAF1-like protein 1 angiotensin/vasopressin receptor

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