

MaxPab®

NLRC4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00058484-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human NLRC4 protein.
Immunogen	NLRC4 (ACE87483.1, 1 a.a. ~ 1024 a.a) full-length human protein.
Sequence	MNFIKDNSRALIQRMGMTVIKQITDDLFWVNVLNREEVNICCEKVEQDAARGIIHMLKKGSESCNL FLKSLKEWNYPLFQDLNGQSLFHQTSEGLDDLAQDLKDLHYTPSFLNFYPLGEDIDIIIFNLKSTFT EPVLWRKQDQHHRVEQLTLNGLLQALQSPCIIEGESGKGKSTLLQRIAMLWGSGKCKALTGKFKV FFLRLSRAQGGFETLCDQLLDIPGTIRKQTFMAMLLKLRQRVLFLLDGYNEFKPQNCPEIEALIKE NHRFKNMVIVTTTECLRHIRQFGALTAEVGDMTEDSAQALIREVLIELAEGLLLQIQKSRCRLNLM KTPLFVVITCAIQMGSEFHSHTQTTLFHTFYDLLIQKNKHKHKGVAAASDFIRSLDHCGLDALEGVF SHKDFELQDVSSVNEDVLLTTGLLCKYTAQRFKPKYKFFHKSFQEYTAGRRLSSLLTSHEPEEV TKGNGYLQKMVSISDITSTYSSLLRYTCGSSVEATRAVMKHLAAVYQHGCLLGLSIKRPLWRQES LQSVKNTTEQEILKAININSFVECGIHLQESTSKSALSQEFEAFFQGKSLYNSGNIPDYLDFDFEHL PNCASALDFIKLDFYGGAMASWEKAAEDTGGIHMEEAPETYIPSRVSLFFNWKQEFRTLEVTLR DFSKLNKQDIRYLKIFSSATSLRLQIKRCAGVAGSLSLVLSTCKNIYSLMVEASPLTIEDERHITSVT NLKTLSTHDLQNRQLPGGLTDSLGNLKNLTKLIMDNKMNEEDAIIKLAEGKLNKKMCLFHLTHLSDI GEGMDYVKSLSSEPCDLEEIQLVSCCLSANAVKILAQNLHNLVKLSILDLSENYLEKDGNEALHELI DRMNVLEQLTALMLPWGCDVQGSLSLLKHLEEVQQLVKLGLKNWRLTDTEIRILGAFFGKNPLK NFQQLNLAGNRVSSDGWLAFMGVFENLKQLVFFDFSTKEFLPDPALVRKLSQVLSKLTFLQEAR LVGWQFDDDDLSVITGAFKLVT
Host	Mouse
Reactivity	Human
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](#)

Gene Info — NLRC4

Entrez GeneID [58484](#)

GeneBank Accession# [EU832133.1](#)

Protein Accession# [ACE87483.1](#)

Gene Name NLRC4

Gene Alias CARD12, CLAN, CLAN1, CLANA, CLANB, CLANC, CLAND, CLR2.1, IPAF

Gene Description NLR family, CARD domain containing 4

Omim ID [606831](#)

Gene Ontology [Hyperlink](#)

Gene Summary In C. elegans, Ced4 binds and activates Ced3, an apoptotic initiator caspase, via caspase-associated recruitment domains (CARDs). Human Ced4 homologs include APAF1 (MIM 602233), NOD1/CARD4 (MIM 605980), and NOD2/CARD15 (MIM 605956). These proteins have at least 1 N-terminal CARD domain followed by a centrally located nucleotide-binding domain (NBD or NACHT) and a C-terminal regulatory domain, found only in mammals, that contains either WD40 repeats or leucine-rich repeats (LRRs). CARD12 is a member of the Ced4 family and can induce apoptosis. [supplied by OMIM]

Other Designations ICE-protease activating factor|NOD-like receptor C4|caspase recruitment domain family, member 12|caspase recruitment domain protein 12|nucleotide-binding oligomerization domain, leucine rich repeat and CARD domain containing 4

Disease

- [Dermatitis](#)