

Rabbit anti-Human CLAN (CARD12) Polyclonal Antibody | anti-NLRC4 antibody

Anti-CLAN (CARD12) Antibody

CATALOG # AAA72767	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

CLAN (CARD12); Polyclonal Antibody; Anti-CLAN (CARD12) Antibody; NLRC4; NLR family CARD domain containing 4; CARD; ICE protease activating factor; IPAF; LRR; NOD like receptor C4; CLAN; anti-NLRC4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Reacts with the N terminal region of the A and B isoforms of the human CLAN protein.
Form/Format	Liquid; Antigen Affinity Purified; PBS + 0.02% NaN ₃
Applicable Applications for anti-NLRC4 antibody	WB (Western Blot)
Immunogen Species	Human
Immunogen	Synthetic peptide corresponding to amino acids from the N-terminal region of human CLAN protein
Country of Origin	United States
Preparation and Storage	Recommended that the undiluted antibody be aliquoted into smaller working volumes (10-30 uL/vial depending on usage) upon arrival and stored long term at -20 degree C or -80 degree C, while keeping a working aliquot stored at 4 degree C for short term. Avoid freeze/thaw cycles. Stable for at least 1 year. After date of receipt, stable for at least 1 year at -20 degree C.

IMAGES



WB (Western Blot)

Western Blot showing specific immunolabeling of cN-II and Ipaf (CARD12) protein expression in different human cell lines. Image from the following publication (<https://dx.plos.org/10.1371/journal.pone.0121525>) licensed under a CC-BY license.



WB (Western Blot)

Western Blot of lung lysate showing specific immunolabeling of CLAN. This antibody detects CLAN-A and CLAN-B isoforms.

ADDITIONAL INFORMATION

Related Product Information for anti-NLRC4 antibody

CLAN rabbit polyclonal primary antibody from the lab is produced in-house. It detects human CLAN and is antigen affinity purified. It is great for use in WB.

A novel human CED-4-like gene, CLAN, is a caspase-associated recruitment domain (CARD)-containing proteins and is expressed at varying degrees in normal human tissues. It contributes to a number of intracellular processes including apoptosis, cytokine processing, and NF-kappa B activation.

NCBI AND UNIPROT INFORMATION

NCBI GI #	40788015
NCBI GeneID	58484
NCBI Accession #	NP_067032
NCBI GenBank Nucleotide #	NM_021209.4
UniProt Accession #	Q9NPP4; Q96J81; Q96J82; Q96J83; A8K9F8; B2RBQ3; B3KTF0; D6W580
Molecular Weight	110 kDa
NCBI Official Full Name	NLR family CARD domain-containing protein 4 isoform a
NCBI Official Synonym Full Names	NLR family, CARD domain containing 4
NCBI Official Symbol	NLRC4
NCBI Official Synonym Symbols	CLAN; IPAF; AIFEC; CLAN1; CLANA; CLANB; CLANC; CLAND; FCAS4; CARD12; CLR2.1
NCBI Protein Information	NLR family CARD domain-containing protein 4; NOD-like receptor C4; ICE-protease activating factor; CARD, LRR, and NACHT-containing protein; caspase recruitment domain family, member 12; caspase recruitment domain-containing protein 12; nucleotide-binding
UniProt Protein Name	NLR family CARD domain-containing protein 4
UniProt Gene Name	NLRC4
UniProt Synonym Gene Names	CARD12; CLAN; CLAN1; IPAF; Clan protein; Ipaf
UniProt Entry Name	NLRC4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.