

Rabbit anti-Human Ipaf Polyclonal Antibody | anti-NLRC4 antibody

Ipaf Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40360	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

Ipaf; Polyclonal Antibody; Ipaf Antibody; CLAN; IPAF; CLAN1; CLANA; CLANB; CLANC; CLAND; CARD12; CLR2.1; UNQ6189/PRO20215; NLR family CARD domain-containing protein 4; CARD; LRR; and NACHT-containing protein; Clan protein; NLR family; CARD domain containing 4; anti-NLRC4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Ipaf Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	1024
Applicable Applications for anti-NLRC4 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Ipaf antibody was raised against a synthetic peptide corresponding to amino acids near the C-terminus of human Ipaf.
Buffer	Ipaf Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Ipaf antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



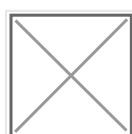
IF (Immunofluorescence)

Immunofluorescence of Ipaf in THP1 cells with Ipaf antibody at 10 μg/mL.



ICC (Immunocytochemistry)

Immunocytochemistry of Ipaf in THP-1 cells with Ipaf antibody at 10 μg/mL.



WB (Western Blot)

Western blot analysis of Ipaf in human PBL lysate with Ipaf antibody at 0.5 (lane A), 1 (lane B), and 2 (lane C) μg/mL, respectively.

ADDITIONAL INFORMATION

Related Product Information for anti-NLRC4 antibody	Ipaf Antibody: Apoptosis is related to many diseases and induced by a family of cell death receptors and their ligands. Cell death signals are transduced by death domain containing adaptor molecules and proteases including several members of the caspase family. Another family of proteins that functions as a critical regulator of apoptosis and NF κ B signaling pathways is the CED-4/Apaf-1 (apoptosis protein activating factor-1) protein family. Ipaf (ICE protease activating factor) is a CED-4/Apaf-1 family member that activates caspase-1/ICE and can induce apoptosis in human cells in a caspase-1 dependent manner. Ipaf and caspase-1 are thought to interact with each other through the association of the Ipaf amino-terminal CARD (caspase recruitment domain) and amino-terminal CARD of caspase-1.
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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 oligomerization domain, leucine rich repeat and CARD domain containing 4
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ipaf-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/40360>