

Rabbit anti-Mouse NLRC4 Polyclonal Antibody | anti-NLRC4 antibody

NLRC4 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283187	Rabbit	Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

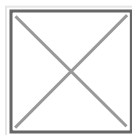
PRODUCT SYNONYMS

NLRC4; Polyclonal Antibody; NLRC4 Rabbit pAb; CLAN; IPAF; AIFEC; CLAN1; CLANA; CLANB; CLANC; CLAND; FCAS4; CARD12; CLR2.1; anti-NLRC4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.
Sequence	KSLENWDYFV YQDLTGQNLS YQVTEEDLNV LAQNLKDLYN SPAFLNFYPL GEDIDIIFNL EKTFTPEIMW KKDHRHHRVE QLTGSLLEA LKSPCLIEGE
Applicable Applications for anti-NLRC4 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 71-170 of mouse NLRC4. (NP_001028539.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.

IMAGES



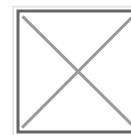
IF (Immunofluorescence)

Immunofluorescence analysis of PC-12 cells using NLRC4 Rabbit pAb (AAA283187) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of paraffin-embedded human spleen using NLRC4 Rabbit pAb (AAA283187) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. Perform high pressure antigen retrieval with 0.01M citrate buffer (pH 6.0) prior to IF staining.



IF (Immunofluorescence)

Immunofluorescence analysis of Jurkat cells using NLRC4 Rabbit pAb (AAA283187) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of lysates from Mouse large intestine, using NLRC4 Rabbit pAb (AAA283187) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-NLRC4 antibody	This gene encodes a member of the caspase recruitment domain-containing NLR family. Family members play essential roles in innate immune response to a wide range of pathogenic organisms, tissue damage and other cellular stresses. Mutations in this gene result in autoinflammation with infantile enterocolitis. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-NLRC4 antibody	Epigenetics Nuclear Signaling; Cell Biology Developmental Biology; Apoptosis; Caspases; Cell Cycle; Endocrine Metabolism; Immunology Inflammation; Cell Intrinsic Innate Immunity Signaling Pathway; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	77736546
NCBI GeneID	268973
NCBI Accession #	NP_001028539.1
NCBI GenBank Nucleotide #	NM_001033367.3
UniProt Accession #	Q3UP24; Q3TAU8
Molecular Weight	Calculated MW: 116kDa Observed MW: 117kDa
UniProt Protein Name	NLR family CARD domain-containing protein 4
UniProt Gene Name	Nlrc4
UniProt Synonym Gene Names	Card12; Ipaf; Ipaf
UniProt Entry Name	NLRC4_MOUSE

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/nlrc4-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/283187>