

Rabbit NOD3 Polyclonal Antibody | anti-NLRC3 antibody

NOD3 Antibody

CATALOG # AAA39427	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot, ELISA
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PRODUCT SYNONYMS

NOD3; Polyclonal Antibody; NOD3 Antibody; CLR16.2; Protein NLRC3; CARD15-like protein; NLR family; CARD domain containing 3; anti-NLRC3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	NOD3 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	1112
Applicable Applications for anti-NLRC3 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	NOD3 antibody was raised against an 18 amino acid synthetic peptide near the center of human NOD3.
Buffer	NOD3 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


IF (Immunofluorescence)

Immunofluorescence of NOD3 in Jurkat cells with NOD3 antibody at 20 &#956;g/mL.


WB (Western Blot)

Western blot analysis of NOD3 in 3T3 cell lysate with NOD3 antibody at (A) 1 and (B) 2 &#956;g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-NLRC3 antibody

NOD3 Antibody: NOD3 is a member of the NOD (nucleotide-binding oligomerization domain) family, a group of proteins that are involved in innate immune defense. NOD3 also known as NLR family CARD containing 3 (NLRC3), is predominantly expressed in the immune system, particularly in T lymphocytes, and its expression is strongly down-regulated following stimulation of the T-cell receptor complex and CD28, suggesting that NOD3 plays a role in attenuating the activation of T cells. NOD3 inhibits NF-kappaB, AP-1 and NFAT transcriptional activation in Jurkat T cells downstream of CD3/CD28 stimulation or treatment with PMA/ionomycin and decreases IL-2 and CD25 mRNA induction in activated cells.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119605757
NCBI GeneID	197358
UniProt Accession #	Q7RTR2; Q5EY36; Q8NF48; Q8NI01; Q8NI02; Q8TEL3
Molecular Weight	111,634 Da
NCBI Official Full Name	NOD3 protein, isoform CRA_d
NCBI Official Synonym Full Names	NLR family, CARD domain containing 3
NCBI Official Symbol	NLRC3
NCBI Official Synonym Symbols	NOD3; CLR16.2
NCBI Protein Information	protein NLRC3; CARD15-like protein; NOD-like receptor C3; caterpillar protein 16.2; nucleotide-binding oligomerization domain, leucine rich repeat and CARD domain containing 3
UniProt Protein Name	Protein NLRC3
UniProt Gene Name	NLRC3
UniProt Synonym Gene Names	NOD3; CLR16.2
UniProt Entry Name	NLRC3_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/nod3-antibody-immunofluorescence-western-blot-elisa/39427>