

Rabbit NOD1 Polyclonal Antibody | anti-NOD1 antibody

NOD1 Antibody

CATALOG # AAA225426	HOST Rabbit	APPLICATIONS Western Blot, Immunocytochemistry, Immunofluorescence
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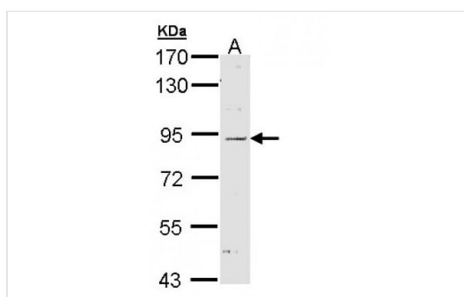
PRODUCT SYNONYMS

NOD1; Polyclonal Antibody; NOD1 Antibody; Affinity Purified Rabbit Polyclonal NOD1 Antibody; Polyclonal NOD1 antibody; Anti-NOD1 antibody; CARD4 antibody; NOD-1; CLR7.1 antibody; NLRC1 antibody; caspase recruitment domain family member 4 antibody; NOD1 antibody; NOD-1 antibody; NOD 1; NOD 1 antibody; caspase recruitment domain-containing protein 4 antibody; NLR family CARD domain containing 1 antibody; nucleotide-binding oligomerization domain-containing protein 1 antibody; anti-NOD1 antibody

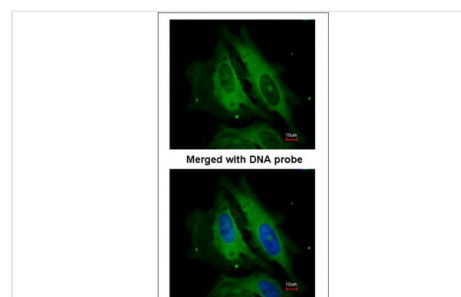
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	953
Applicable Applications for anti-NOD1 antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence)
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: H1299) using a 7.5% SDS PAGE gel and NOD1 antibody at a dilution of 1:1000


IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using NOD1 antibody at 1:200 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-NOD1 antibody	This gene encodes a member of the NOD family. This member is a cytosolic protein. It contains an N-terminal caspase recruitment domain, a centrally located nucleotide-binding domain, and 10 tandem leucine-rich repeats in its C terminus. The CARD is involved in apoptotic signaling, LRRs participate in protein-protein interactions, and mutations in the NBD may affect the process of oligomerization and subsequent function of the LRR domain. This protein is an intracellular pattern-recognition receptor that initiates inflammation in response to a subset of bacteria through the detection of bacterial diaminopimelic acid.
Product Categories/Family for anti-NOD1 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174617
NCBI GeneID	10392
NCBI GenBank Nucleotide #	NP_006083.1
UniProt Accession #	Q9Y239
Molecular Weight	108 kDa
NCBI Official Full Name	nucleotide-binding oligomerization domain-containing protein 1 isoform 1
NCBI Official Synonym Full Names	nucleotide binding oligomerization domain containing 1
NCBI Official Symbol	NOD1
NCBI Official Synonym Symbols	CARD4; NLRC1; CLR7.1
NCBI Protein Information	nucleotide-binding oligomerization domain-containing protein 1
UniProt Protein Name	Nucleotide-binding oligomerization domain-containing protein 1
UniProt Gene Name	NOD1
UniProt Synonym Gene Names	CARD4
UniProt Entry Name	NOD1_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/nod1-antibody-western-blot-immunocytochemistry-immunofluorescence-elisa/225426>