

Rabbit anti-Human NOD2 Polyclonal Antibody | anti-NOD2 antibody

NOD2 Antibody

CATALOG # AAA39806	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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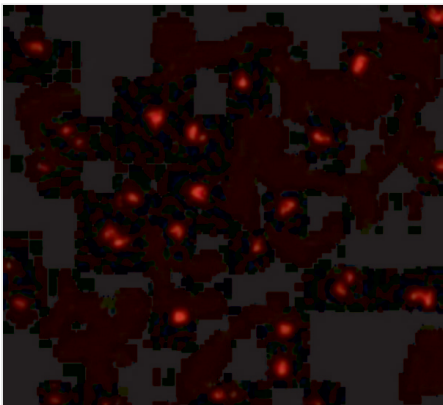
PRODUCT SYNONYMS

NOD2; Polyclonal Antibody; NOD2 Antibody; CD; ACUG; BLAU; IBD1; NLRC2; NOD2B; CARD15; CLR16.3; PSORAS1; Nucleotide-binding oligomerization domain-containing protein 2; Caspase recruitment domain-containing protein 15; nucleotide-binding oligomerization domain containing 2; anti-NOD2 antibody

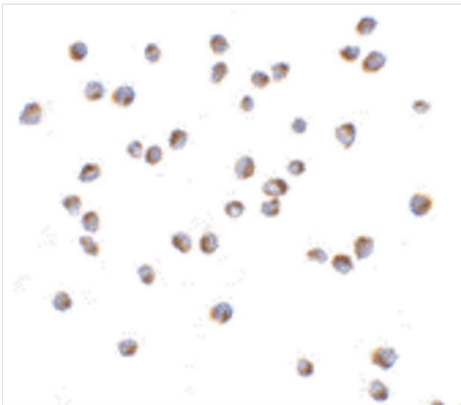
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	NOD2 has no cross-reaction with NOD1.
Purity/Purification	NOD2 Antibody is immunoaffinity chromatography purified IgG.
Form/Format	Liquid
Sequence Length	1040
Applicable Applications for anti-NOD2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Rabbit NOD2 polyclonal antibody was raised against a synthetic peptide corresponding to 16 amino acids at the amino terminus of human NOD2.
Buffer	NOD2 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	NOD2 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.

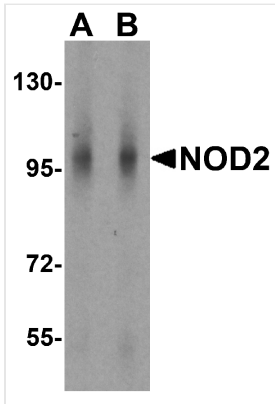
IMAGES



IF (Immunofluorescence)
Immunofluorescence of NOD2 in Jurkat cells with NOD2 antibody at 20 μg/mL.



ICC (Immunocytochemistry)
Immunocytochemistry of NOD2 in Jurkat cells with NOD2 antibody at 5 μg/mL.



WB (Western Blot)
Western blot analysis of NOD2 in human lymph node tissue lysate with NOD2 antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-NOD2 antibody	NOD2 Antibody: Apaf-1 and NOD1 are members of a new family, which are involved in the regulation of apoptosis and immune response. Each of them contains a caspase recruitment domain (CARD) and a nucleotide-binding oligomerization domain (NOD). A third member in this family was recently identified and designated NOD2. NOD2 interacts with RICK via a homophilic CARD-CARD interaction. NOD2 activates NF-?B, which is regulated by its carboxy-terminal leucine-rich repeat domain that acts as an intracellular receptor for components of bacteria. The variants of NOD2, either a frameshift or a missense, were associated with Crohn's disease that is a main type of chronic inflammatory bowel disease.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20137973
NCBI GeneID	64127
UniProt Accession #	Q9HC29; Q96RH5; Q96RH6; Q96RH8; E2JEQ6
Molecular Weight	22,403 Da
NCBI Official Full Name	Nucleotide-binding oligomerization domain-containing protein 2
NCBI Official Synonym Full Names	nucleotide-binding oligomerization domain containing 2
NCBI Official Symbol	NOD2
NCBI Official Synonym Symbols	CD; ACUG; BLAU; IBD1; NLRC2; NOD2B; CARD15; CLR16.3; PSORAS1

NCBI Protein Information	nucleotide-binding oligomerization domain-containing protein 2; NOD-like receptor C2; NLR family, CARD domain containing 2; inflammatory bowel disease protein 1; caspase recruitment domain protein 15; nucleotide-binding oligomerization domain 2; caspase recruitment domain family, member 15; caspase recruitment domain-containing protein 15; nucleotide-binding oligomerization domain, leucine rich repeat and CARD domain containing 2
UniProt Protein Name	Nucleotide-binding oligomerization domain-containing protein 2
UniProt Gene Name	NOD2
UniProt Synonym Gene Names	CARD15; IBD1
UniProt Entry Name	NOD2_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/nod2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39806>