

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

NOD2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307014	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

NOD2; Polyclonal Antibody; NOD2 Antibody; Caspase recruitment domain 15; CARD15; anti-NOD2 antibody

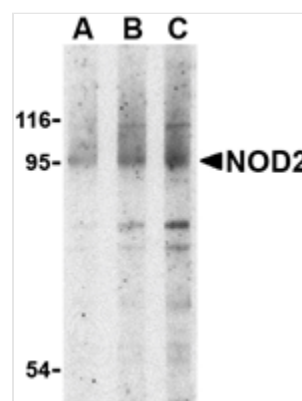
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	NOD2 has no cross-reaction with NOD1.
Purity/Purification	Immunoaffinity chromatography purified IgG
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	1013
Applicable Applications for anti-NOD2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a synthetic peptide corresponding to 16 amino acids at the amino terminus of human NOD2.
Target Name	NOD2
Preparation and Storage	Can be stored at -20 degree C, stable for 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


ICC (Immunocytochemistry)

Immunocytochemistry of NOD2 in Jurkat cells with NOD2 antibody at 5 ug/mL.


WB (Western Blot)

Western blot analysis of NOD2 in Jurkat cell lysate with NOD2 antibody at (A) 1, (B) 2 and (C) 4 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-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- κ 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.
Product Categories/Family for anti-NOD2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	649572336
NCBI GeneID	64127
NCBI Accession #	NP_001280486.1
NCBI GenBank Nucleotide #	NM_001293557.1
UniProt Accession #	Q9HC29; Q96RH5; Q96RH6; Q96RH8; E2JEQ6
Molecular Weight	22,403 Da
NCBI Official Full Name	nucleotide-binding oligomerization domain-containing protein 2 isoform 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
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-immunohistochemistry-western-blot-elisa/307014>