

Rabbit NOD2 Polyclonal Antibody | anti-NOD2 antibody

NOD2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA31099	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry

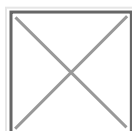
PRODUCT SYNONYMS

NOD2; Polyclonal Antibody; NOD2 Antibody; ACUG; Arthrocuteaneouveal granulomatosis; BLAU; CARD15; Caspase recruitment domain family; member 15; Caspase recruitment domain protein 15; Caspase recruitment domain-containing protein 15; CD; CLR16.3; IBD1; Inflammatory bowel disease protein 1; LRR containing protein; NLR family; CARD domain containing 2; NLRC2; NOD like receptor C2; NOD2 protein; NOD2_HUMAN; NOD2B; nucleotide binding oligomerization domain 2; Nucleotide binding oligomerization domain containing 2; Nucleotide binding oligomerization domain; leucine rich repeat and CARD domain containing 2; Nucleotide-binding oligomerization domain-containing protein 2; PSORAS1; anti-NOD2 antibody

PRODUCT SPECIFICATIONS

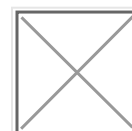
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific)
Form/Format	Liquid. IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	~1mg/ml (varies by lot)
Sequence Length	1013
Applicable Applications for anti-NOD2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry)
Application Notes	WB 1:500-1:2000 IHC 1:50-1:200 IF/ICC 1:100-1:500 The optimal dilution should be determined by the end user. IMPORTANT: For western blots, incubate membrane with diluted antibody in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.
Immunogen	A synthesized peptide derived from human NOD2, corresponding to a region within N-terminal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA31099 staining A549 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA31099) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI (blue)



WB (Western Blot)

Western blot analysis of extracts from various samples, using NOD2 antibody. Lane 1: HeLa treated with blocking peptide. Lane 2: HeLa; Lane 3: Mouse Myeloma cell; Lane 4: mouse lung;

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	100-110 kDa
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; YAOS; BLAUS; 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

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-western-blot-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/31099>