

Rabbit NOD5 Polyclonal Antibody | anti-NLRX1 antibody

NOD5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40335	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

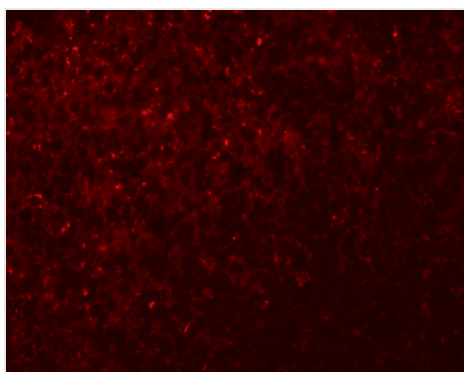
PRODUCT SYNONYMS

NOD5; Polyclonal Antibody; NOD5 Antibody; NOD9; NOD26; DLNB26; CLR11.3; NLR family member X1; Nucleotide-binding oligomerization domain protein 26; anti-NLRX1 antibody

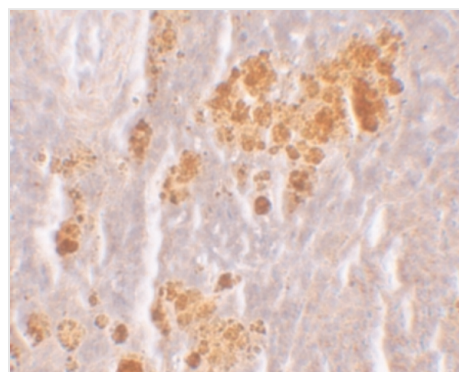
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	NOD5 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	975
Applicable Applications for anti-NLRX1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	NOD5 antibody was raised against a 14 amino acid synthetic peptide near the amino terminus of human NOD5.
Buffer	NOD5 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	NOD5 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.

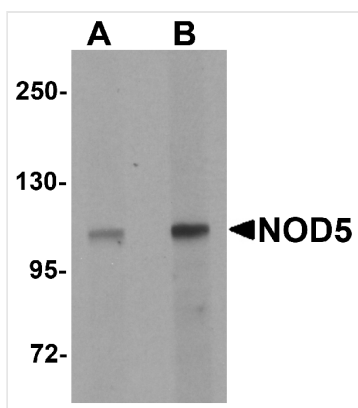
IMAGES


IF (Immunofluorescence)

Immunofluorescence of NOD5 in rat spleen tissue with NOD5 antibody at 20 &#956;g/mL.


IHC (Immunohistochemistry)

Immunohistochemistry of NOD5 in rat spleen tissue with NOD5 antibody at 10 &#956;g/mL.



WB (Western Blot)

Western blot analysis of NOD5 in rat spleen tissue cell lysate with NOD5 antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-NLRX1 antibody

NOD5 Antibody: NOD5, also known as NLRX1, is a member of the NOD (nucleotide-binding oligomerization domain) family, a group of proteins that are involved in innate immune defense. NOD5 localizes to the mitochondrial outer membrane and interacts with the virus-induced signaling adapter protein VISA. Unlike a subset of NOD-like receptors (NLRs) such as NOD1 and NOD2 which trigger pro-inflammatory cascades, and other NLRs that induce the caspase 1 inflammasome in response to immune challenges, NOD5 amplifies NF- κ B and JNK pathways by inducing reactive oxygen species production.

NCBI AND UNIPROT INFORMATION

NCBI GI #	25777608
NCBI GeneID	79671
NCBI Accession #	NP_078894
NCBI GenBank Nucleotide #	NM_024618.3
UniProt Accession #	Q86UT6; Q7RTR3; Q96D51; Q9H724; A8K6Q1; B3KPK2; B3KTA2
Molecular Weight	101,876 Da
NCBI Official Full Name	NLR family member X1
NCBI Official Synonym Full Names	NLR family member X1
NCBI Official Symbol	NLRX1
NCBI Official Synonym Symbols	NOD5; NOD9; NOD26; DLNB26; CLR11.3
NCBI Protein Information	NLR family member X1; NLR family, X1; NOD-like receptor X1; caterpillar protein 11.3; nucleotide-binding oligomerization domain protein 5; nucleotide-binding oligomerization domain protein 9; nucleotide-binding oligomerization domain protein 26; nucleotide-binding oligomerization domain, leucine rich repeat containing X1
UniProt Protein Name	NLR family member X1
UniProt Gene Name	NLRX1
UniProt Synonym Gene Names	NOD26; NOD5; NOD9; CLR11.3
UniProt Entry Name	NLRX1_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.