

Rabbit NOD5 Polyclonal Antibody | anti-NOD5 antibody

NOD5 Antibody

CATALOG # AAA307506	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

NOD5; Polyclonal Antibody; NOD5 Antibody; Nucleotide-binding oligomerization domain containing 5; NOD9; NOD26; DLNB26; CLR11.3; NLRX1; anti-NOD5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	975
Applicable Applications for anti-NOD5 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 14 amino acid peptide near the amino terminus of human NOD5.
Target Name	NOD5
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



IHC (Immunohistochemistry)

Immunohistochemistry of NOD5 in rat spleen tissue with NOD5 antibody at 10 ug/mL.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-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-kB and JNK pathways by inducing reactive oxygen species production.
Product Categories/Family for anti-NOD5 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	25777608
NCBI GeneID	79671
NCBI Accession #	NP_078894
NCBI GenBank Nucleotide #	NM_024618.3
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/nod5-antibody-immunohistochemistry-western-blot-elisa/307506>