Rabbit NOD1 Polyclonal Antibody | anti-NOD1 antibody

NOD1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA168226	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, ELISA**

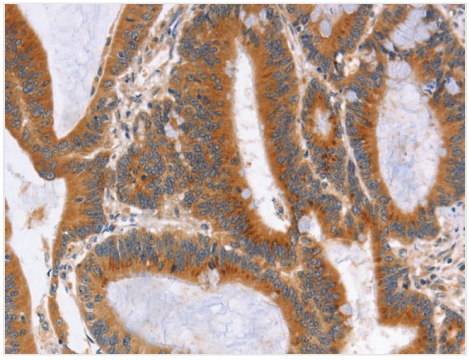
PRODUCT SYNONYMS

NOD1; Polyclonal Antibody; NOD1 Polyclonal Antibody; CARD4; NLRC1; CLR7.1; anti-NOD1 antibody

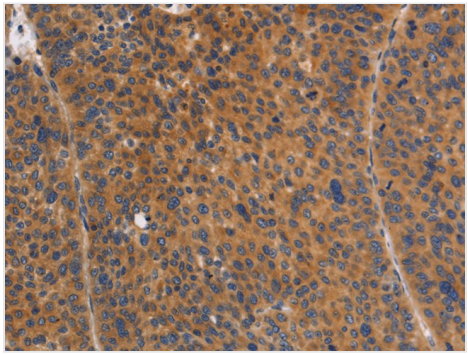
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.9mg/mL (varies by lot)
Sequence Length	953
Applicable Applications for anti-NOD1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human NOD1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human colon cancer tissue using NOD1 Polyclonal Antibody at dilution 1:50



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using NOD1 Polyclonal Antibody at dilution 1:50

ADDITIONAL INFORMATION

Related Product Information for anti-NOD1 antibody	This gene encodes a member of the NOD (nucleotide-binding oligomerization domain) family. This member is a cytosolic protein. It contains an N-terminal caspase recruitment domain (CARD), a centrally located nucleotide-binding domain (NBD), and 10 tandem leucine-rich repeats (LRRs) in its C terminus. The CARD is involved in apoptotic signaling, LRRs participate in protein-protein interactions, and mutations in the NBD may affect the process of oligomerization and subsequent function of the LRR domain. This protein is an intracellular pattern-recognition receptor (PRR) that initiates inflammation in response to a subset of bacteria through the detection of bacterial diaminopimelic acid.
Product Categories/Family for anti-NOD1 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174617
NCBI GeneID	10392
NCBI Accession #	NP_006083.1
NCBI GenBank Nucleotide #	NM_006092.2
Molecular Weight	27,949 Da
NCBI Official Full Name	nucleotide-binding oligomerization domain-containing protein 1
NCBI Official Synonym Full Names	nucleotide-binding oligomerization domain containing 1
NCBI Official Symbol	NOD1
NCBI Official Synonym Symbols	CARD4; NLRC1; CLR7.1
NCBI Protein Information	nucleotide-binding oligomerization domain-containing protein 1; NLR family, CARD domain containing 1; caspase recruitment domain family, member 4; caspase recruitment domain-containing protein 4; nucleotide-binding oligomerization domain, leucine rich repeat and CARD domain containing 1
UniProt Protein Name	Nucleotide-binding oligomerization domain-containing protein 1
UniProt Gene Name	**NOD1**
UniProt Synonym Gene Names	CARD4
UniProt Entry Name	NOD1_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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