OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA349016

CARD4 (NOD1) Rabbit Polyclonal Antibody

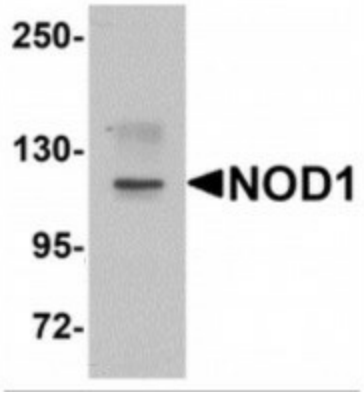
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	NOD1 antibody was raised against a 16 amino acid synthetic peptide near the carboxy end of human NOD1.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	NOD1 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	nucleotide binding oligomerization domain containing 1
Database Link:	NP_005797 Entrez Gene 10392 Human Q9Y239
Background:	NOD1 Antibody: NOD1 is a member of the NOD (nucleotide-binding oligomerization domain) family, a group of proteins that are involved in innate immune defense. NOD1 contains an N-terminal caspase recruitment domain (CARD), a centrally located nucleotide-binding domain (NBD), and ten tandem leucine-rich repeats (LRRs) in its C-terminus. The CARD is involved in apoptotic signaling, and NOD1 activates caspase-9 and NF-κB. 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.

View online »

Synonyms: BHLHB1; bHLHe19; OLIGO2; PRKCBP2; RACK17

Product images:



Western blot analysis of NOD1 in EL4 cell lysate with NOD1 antibody at 1 ug/mL.