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anti-NOD2 antibody (Internal Region)



Image



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Overview

Quantity:	100 μg
Target:	NOD2
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This NOD2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	CARD15 / NOD2 (Internal)
Immunogen:	Peptide with sequence KFRFTDRERHCSPTD, from the internal region of the protein sequence according to NP_071445.1.
Sequence:	KFRFTDRERH CSPTD
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	NOD2
Alternative Name:	NOD2 (NOD2 Products)
Background:	CARD15, NOD2, caspase recruitment domain family, member 15, ACUG, BLAU, CD, IBD1, NOD2B, PSORAS1, LRR-containing protein, NOD2 protein, caspase recruitment domain protein 15, inflammatory bowel disease protein 1, nucleotide-binding oligomerization domain
Gene ID:	64127, 257632, 291912
NCBI Accession:	NP_071445
Pathways:	Activation of Innate immune Response, Cellular Response to Molecule of Bacterial Origin, Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process, Production of Molecular Mediator of Immune Response, Toll-Like Receptors Cascades, Inflammasome

Application Details

Application Notes:	Western Blot: Approx 100 kDa band observed in lysates of Human Peripheral Blood
	Mononucleocytes (calculated MW of 115 kDa according to NP_071445.1). Recommended
	concentration: 0.1-0.3 µg/mL. An additional band of unknown identity was also consistently
	obse
	Peptide ELISA: antibody detection limit dilution 1:64000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C

Handling

Storage Comment:

Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images

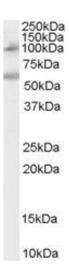


Image 1. ABIN185703 ($0.1\mu g/ml$) staining of Human Peripheral Blood Mononucleocyte lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.