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Datasheet for ABIN185703

anti-NOD2 antibody (Internal Region)

1 Image

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 KFRFTDRERHCSPD, 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 observed. 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 (0.1µg/ml) staining of Human Peripheral Blood Mononucleocyte lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.