

## ARG64062 anti-CARD15 / NOD2 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes CARD15 / NOD2
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	CARD15 / NOD2
Species	Human
Immunogen	KFRFTDRERHCSPD
Conjugation	Un-conjugated
Alternate Names	Inflammatory bowel disease protein 1; PSORAS1; BLAU; CARD15; CD; CLR16.3; NLRC2; Caspase recruitment domain-containing protein 15; IBD1; ACUG; Nucleotide-binding oligomerization domain-containing protein 2; NOD2B

### Application Instructions

Application table	Application	Dilution
	WB	0.1 - 0.3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Database links [GeneID: 64127 Human](#)

[Swiss-port # Q9HC29 Human](#)

**Background** This gene is a member of the Nod1/Apaf-1 family and encodes a protein with two caspase recruitment (CARD) domains and six leucine-rich repeats (LRRs). The protein is primarily expressed in the peripheral blood leukocytes. It plays a role in the immune response to intracellular bacterial lipopolysaccharides (LPS) by recognizing the muramyl dipeptide (MDP) derived from them and activating the NFKB protein. Mutations in this gene have been associated with Crohn disease and Blau syndrome. [provided by RefSeq, Jul 2008]

**Research Area** Cell Biology and Cellular Response antibody; Cell Death antibody

**Calculated Mw** 115 kDa

**PTM** Polyubiquitinated following MDP stimulation, leading to proteasome-mediated degradation (PubMed:23019338).

## Images

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ARG64062 anti-CARD15 / NOD2 antibody WB image

Western Blot: Human Peripheral Blood Mononucleocyte lysate (35 µg protein in RIPA buffer) stained with ARG64062 anti-NOD2 antibody at 0.1 µg/ml dilution.