

Datasheet for ABIN500363  
**anti-NOD2 antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	0.1 mg
Target:	NOD2
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NOD2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	Rabbit NOD2 polyclonal antibody was raised against a synthetic peptide corresponding to 16 amino acids at the amino terminus of human NOD2.
Isotype:	IgG
Specificity:	This antibody detects CARD15 / NOD2 at N-term.
Cross-Reactivity (Details):	Species reactivity (tested):ELISA.Western blot: 2 to 4 µg/mL.Immunohistochemistry on paraffin sections.
Purification:	Peptide affinity chromatography

## Target Details

Target:	NOD2
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## Target Details

Alternative Name:	CARD15 / NOD2 ( <a href="#">NOD2 Products</a> )
Background:	<p>Apaf-1 and NOD1 are members of a new family (1), which are involved in the regulation of apoptosis and immune response. Each of them contains a caspase recruitment domain (CARD) and a nucleotide-binding oligomerization domain (NOD). A third member in this family was recently identified and designated NOD2 (2). NOD2 interacts with RICK via a homophilic CARD-CARD interaction. NOD2 activates NF-<math>\kappa</math>B, which is regulated by its carboxy-terminal leucine-rich repeat domain that acts as an intracellular receptor for components of bacteria. The variants of NOD2, either a frameshift or a missense, were associated with Crohn's disease (3,4) that is a main type of chronic inflammatory bowel disease. Synonyms: Caspase recruitment domain-containing protein 15, IBD1, Inflammatory bowel disease protein 1, Nucleotide-binding oligomerization domain-containing protein 2</p>
Gene ID:	64127
UniProt:	<a href="#">Q9HC29</a>
Pathways:	<a href="#">Activation of Innate immune Response</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">Toll-Like Receptors Cascades</a> , <a href="#">Inflammasome</a>

## Application Details

Application Notes:	<p>ELISA. Western blot: 2 to 4 <math>\mu</math>g/mL. Immunohistochemistry on paraffin sections.</p> <p>Other applications not tested.</p> <p>Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Restrictions:	For Research Use only

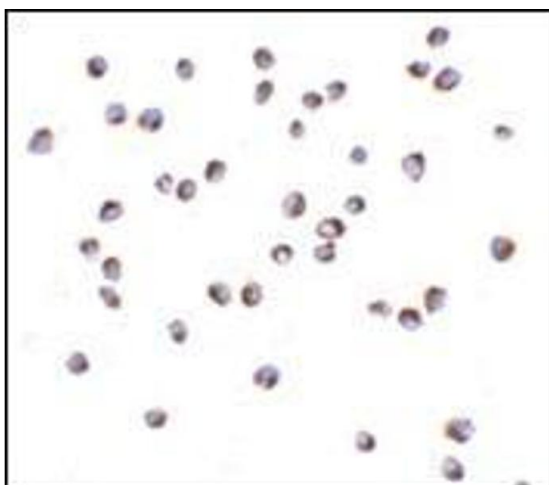
## Handling

Buffer:	PBS containing 0.02 % sodium azide
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:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C

## Handling

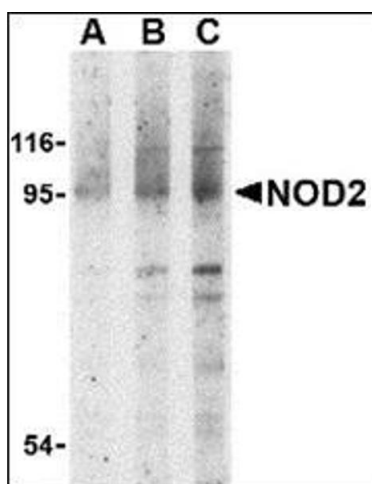
Storage Comment: Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.

## Images



### Immunofluorescence

**Image 1.** Immunocytochemistry of NOD2 in Jurkat cells with this product at 5 µg/ml.



### Western Blotting

**Image 2.** Western blot analysis of NOD2 in Jurkat cell lysate with this product at (A) 1, (B) 2 and (C) 4 µg/ml.