

Datasheet for ABIN1538492  
**anti-NOD1 antibody (AA 556-584)**



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1 Image

## Overview

Quantity:	400 µL
Target:	NOD1
Binding Specificity:	AA 556-584
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NOD1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This Mouse Nod1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 556-584 amino acids from the Central region of mouse Nod1.
Clone:	RB39997
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	NOD1
Alternative Name:	Nod1 ( <a href="#">NOD1 Products</a> )
Background:	Enhances caspase-9-mediated apoptosis. Induces NF-kappa-B activity via RIPK2 and IKK-

## Target Details

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gamma. Confers responsiveness to intracellular bacterial lipopolysaccharides (LPS). Forms an intracellular sensing system along with ARHGEF2 for the detection of microbial effectors during cell invasion by pathogens (By similarity).

Molecular Weight: 107740

Gene ID: 107607

NCBI Accession: [NP\\_001164478](#), [NP\\_766317](#)

UniProt: [Q8BHB0](#)

Pathways: [Activation of Innate immune Response](#), [Positive Regulation of Endopeptidase Activity](#), [Toll-Like Receptors Cascades](#), [Inflammasome](#)

## Application Details

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Application Notes: WB: 1:1000

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

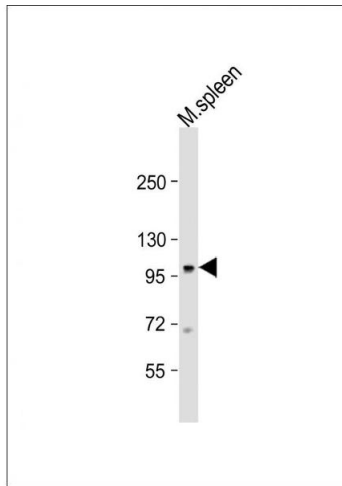
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Mouse Nod1 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



### Western Blotting

**Image 1.** Anti-Mouse Nod1 Antibody (Center) at 1:1000 dilution + mouse spleen lysate Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 108 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.