

Datasheet for ABIN523781  
**anti-NOD1 antibody (AA 1-953)**



[Go to Product page](#)

1 Image

## Overview

|                      |                                     |
|----------------------|-------------------------------------|
| Quantity:            | 50 µL                               |
| Target:              | NOD1                                |
| Binding Specificity: | AA 1-953                            |
| Reactivity:          | Human                               |
| Host:                | Mouse                               |
| Clonality:           | Polyclonal                          |
| Conjugate:           | This NOD1 antibody is un-conjugated |
| Application:         | Western Blotting (WB)               |

## Product Details

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:   | Mouse polyclonal antibody raised against a full-length human CARD4 protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Immunogen: | CARD4 (AAH40339, 1 a.a. ~ 953 a.a) full-length human protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Sequence:  | <p>MEEQGHSEME IIPSESHPHI QLLKSNRELL VTHIRNTQCL VDNLLKNDYF SAEDAEIVCA</p> <p>CPTQPKVVRK ILDLVQSKGE EVSEFFLYLL QQLADAYVDL RPWLLEIGFS PSLLTQSKVV</p> <p>VNTDPVSRYT QQLRHHHLGRD SKFVLCYAQK EELLLEEIYM DTIMELVGFS NESLGSLSNSL</p> <p>ACLLDHTTGI LNEQGETIFI LGDAGVGKSM LLQRLQSLWA TGRLDAGVKF FFHFRCRMFS</p> <p>CFKESDRLCL QDLLFKHYCY PERDPEEVFA FLLRFPHVAL FTFDGLDELH SDDLDSRVPD</p> <p>SSCPWEPAHP LVLLANLLSG KLLKGASKLL TARTGIEVPR QFLRKKVLLR GFSPSHLRAY</p> <p>ARRMFPERAL QDRLLSQLEA NPNLCSLCSV PLFCWIIFRC FQHFRAAFEG SPQLPDCTMT</p> <p>LTDVFLLVTE VHLNRMQPSS LVQRNTHSPV ETLHAGRDTL CSLGQVAHRG MEKSLFVFTQ</p> <p>EEVQASGLQE RDMQLGFLRA LPELGPGGDQ QSYEFFHLTL QAFFTAFFLV LDDRVTGTQEL</p> <p>LRFFQEWMPMP AGAATTSCYP PFLPFQCLQG SGPAREDLFK NKDHFQFTNL FLCGLLSKAK</p> |

## Product Details

QKLLRHLVPA AALRRKRKAL WAHLFSSLRG YLKS LPRVQV ESFNQVQAMP TFIWMLRCIY  
ETQSQKVGQL AARGICANYL KLT YCNACSA DCSALS FVLH HFPKRLALDL DNNNLNDYGV  
RELQPCFSRL TVLR LSVNQI TDGGVKV LSE ELTKYKIVTY LGLYNNQITD VGARYVTKIL  
DECKGLTHLK LGKNKITSEG GKYLALAVKN SKSISEVGMW GNQVGDEGAK AFAEALRNHP  
SLTTLSLASN GISTEGGKSL ARALQQNTSL EILWLTQNEL NDEVAESLAE MLKVNQTLKH  
LWLIQNQITA KGTAQLADAL QSNTGITEIC LNGNLIKPEE AKVYEDEKRI ICF

|                   |                                                         |
|-------------------|---------------------------------------------------------|
| Cross-Reactivity: | Human                                                   |
| Characteristics:  | Antibody reactive against mammalian transfected lysate. |

## Target Details

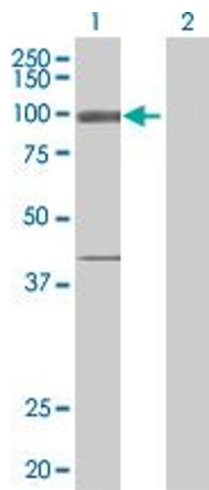
|                   |                                                                                                                                                                                                    |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | NOD1                                                                                                                                                                                               |
| Alternative Name: | NOD1 ( <a href="#">NOD1 Products</a> )                                                                                                                                                             |
| Background:       | Full Gene Name: nucleotide-binding oligomerization domain containing 1<br>Synonyms: CARD4,CLR7.1,NLRC1                                                                                             |
| Gene ID:          | 10392                                                                                                                                                                                              |
| Pathways:         | <a href="#">Activation of Innate immune Response</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a> , <a href="#">Toll-Like Receptors Cascades</a> , <a href="#">Inflammasome</a> |

## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only                                              |

## Handling

|                  |                                                                          |
|------------------|--------------------------------------------------------------------------|
| Format:          | Liquid                                                                   |
| Buffer:          | No additive                                                              |
| Preservative:    | Without preservative                                                     |
| Handling Advice: | Aliquot to avoid repeated freezing and thawing.                          |
| Storage:         | -20 °C                                                                   |
| Storage Comment: | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |



Western Blotting

**Image 1.** Western Blot analysis of NOD1 expression in transfected 293T cell line by NOD1 MaxPab polyclonal antibody.

Lane 1: CARD4 transfected lysate(104.83 KDa).

Lane 2: Non-transfected lysate.