

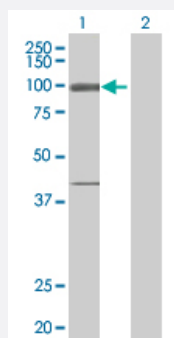
MaxPab®

CARD4 MaxPab mouse polyclonal antibody (B01)

Catalog # H00010392-B01

Size 50 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of NOD1 expression in transfected 293T cell line ([H00010392-T01](#)) by NOD1 MaxPab polyclonal antibody.

Lane 1: CARD4 transfected lysate(104.83 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

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

MEEQGHSEMEIIPSESHPHIQLLKSRELLVTHIRNTQCLVDNLLKNDYFSAEDAIVCACPTQPDK
VRKILDLVQSKGEEVSEFFLYLLQQLADAYVDLRPWLLLEIGFSPSLTQSKVVVNTDPVSRYTQQL
RHHLRGDSKFVLCYAQKEELLLEEMDMTIMELVGFSNESLGSLSLACLLDHTTGILNEQGETIFIL
GDAGVGKSMMLLQRLQSLWATGRLDAGVKFFFHFRCRMFSCKESDRLCLQDLLFKHYCYPERD
PEEVFAFLLRFPHVALFTFDGLDELHSDLDLSRVPDSSCPWEPAHPLVLLANLLSGKLLKGASKL
LTARTGIEVPRQFLRKKVLLRGFSPSHLRAYARRMFPERALQDRLLSQLEANPNLCSLCSVPLFC
WIIFRFCQHFRAAFEGSPQLPDCTMTLTDVFLLVTEVHLNRMQPSSLVQRNTHSPVETLHAGRDT
LCSLGQVAHRGMEKSLFVFTQEEVQASGLQERDMQLGFLRALPELGPGGDQQSYEFFHLLTLQA
FFTAFFLVLDLDRVGTQELLRFFQEWMPGAGAATTSCYPPFLPFQCLQGSGPAREDLFKNKDHQFQ
FTNLFLCGLLSKAKQKLLRHLVPAALRRKRKALWAHLFSSLRGYLKSPLRVQVESFNQVQAMPT
FWMRLRCIYETQSQKVGQLAARGICANYLKLTYCNACSADCSALSFVLHHPKRLALDLNNDNLND
YGVRELQPCFSRLTVLRLSVNQITDGGVKVLSEELTKYKIVTYLGLYNNQITDVGARYVTIKILDECKG
LTHLKLKGNKITSEGGKYLALAVKNSKSISEVGMWGNQVGDEGAFAEALRNHPSLTTLASLN
GISTEGGKSLARALQQNTSLEILWLTQNELNDEVAESLAEMLKVNQTLKHLWLIQNQITAKGTAQLA
DALQSNTGITEICLNGLIKPEEAKVYEDEKRIICF

Host

Mouse

Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

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[Protocol Download](#)

Gene Info — NOD1

Entrez GeneID	10392
GeneBank Accession#	BC040339
Protein Accession#	AAH40339
Gene Name	NOD1
Gene Alias	CARD4, CLR7.1, NLRC1
Gene Description	nucleotide-binding oligomerization domain containing 1
Omim ID	605980
Gene Ontology	Hyperlink
Gene Summary	CARD domain containing 1 caspase recruitment domain 4 caspase recruitment domain family
Other Designations	NLR family, CARD domain containing 1 caspase recruitment domain 4 caspase recruitment domain family, member 4 nucleotide-binding oligomerization domain, leucine rich repeat and CARD domain containing 1

Pathway

- [Epithelial cell signaling in Helicobacter pylori infection](#)

Disease

- [Adenocarcinoma](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Bacteremia](#)
- [Birth Weight](#)
- [Bronchial Hyperreactivity](#)
- [Cardiovascular Diseases](#)
- [Chlamydomphila Infections](#)
- [Cholangitis](#)
- [Chronic Disease](#)
- [Colitis](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Crohn Disease](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Duodenal Ulcer](#)
- [Edema](#)
- [Esophageal Neoplasms](#)

- [Gastritis](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Helicobacter Infections](#)
- [Hypersensitivity](#)
- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Metaplasia](#)
- [Multiple Sclerosis](#)
- [Periodontitis](#)
- [Rhinitis](#)
- [Sarcoidosis](#)
- [Stroke](#)