

DNAxPAb

Hard-to-Find  
Antibody

# NOD2 DNAxPab

Catalog # H00064127-W01P

Size 200 ug

## Specification

**Product Description** Rabbit polyclonal antibody raised against a full-length human NOD2 DNA using DNAx™ Immune technology.

**Technology** [DNAx™ Immune](#)

**Immunogen** Full-length human DNA

**Sequence** MGEEGGSASHDEEERASVLLGHSPGCEMCSQEAFQAQRSQLVELLVSGSLEGFESVLDWLLS  
WEVLSWEDYEGFHLLGQPLSHLARRLD TVWNKGTWACQKLIAAAEQAQADSQSPKLHGCWD  
PHSLHPARDLQSHRPAIVRRLHSHVENMLDLAWERGFVSQYECDEIRLPITPSQRRARLLDLATV  
KANGLAAFLQLQHVQELPVPLALPLEAATCKKYMALRTTVSAQSRFLSTYDGAETLCLEDITENV  
LEVWADVGMAGPPQKSPATLGLEELFSTPGHLNDDADTVLVVGEAGSGKSTLLQRLHLLWAAG  
QDFQEFLFVFPFSCRQLQCMAPLSVRTLLFEHCCWPDVGGQEDIFQLLLDHPDRVLLTFDGFDE  
FKFRFTDRERHCSPDPTSVQTLLFNLLQGNLLKNARKVVTSPAAVSAFLRKYIRTEFNKGFSE  
QGIELYLRKRHHEPGVADRLIRLLQETSALHGLCHLPVFSWMVSKCHQELLQEGGSPKTTTDMY  
LLILQHFLHATPPDSASQGLGPSLLRGRLPTLLHLGRLALWGLGMCCYVFSAAQLQAAQVSPDD  
ISLGFLVRAKGVPVPGSTAPLEFLHITFQCFFAAFYLALSADVPPALLRHLFNCGRPGNSPMARLLP  
TMCIQASEGKDSSVAALLQKAEPHNLQITAAFLAGLLSREHWGLLAECQTSEKALLRRQACARW  
CLARSLRKHFHSIPPAAPGEAKSVHAMPGFIMLRSLYEMQEERLARKAARGLNVGHLKLTFCVS  
GPTECAALAFVLQHLRRPVALLQDYNVSGDIGVEQLLPCLGVCKALYLRDNNISDRGICKLIECALH  
CEQLQKLALFNNKLTGCAHSMAKLLACRQNFALRLGNNTAAGAQLAEGLRGNTSLQFLGF  
WGNRVGDEGAQALAEALGDHQSRLWLSLVGNNGSVGAQALALMAKNVMLEELCLEENHLQD  
EGVCSLAEGLKKNSSLKILKLSNNCITYLGAELLQALERNDTILEVWLRGNTFSLEEVDKLGCRDT  
RLLL

**Host** Rabbit

**Reactivity** Human

**Purification** Protein A

**Quality Control Testing** Antibody reactive against mammalian transfected lysate.

**Storage Buffer** In 1x PBS, pH 7.4

**Storage Instruction** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)  
[Protocol Download](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

## Gene Info — NOD2

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">64127</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| GeneBank Accession# | <a href="#">BC156571.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Protein Accession#  | <a href="#">AAI56572.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene Name           | NOD2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Gene Alias          | ACUG, BLAU, CARD15, CD, CLR16.3, IBD1, NLRC2, NOD2B, PSORAS1                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Gene Description    | nucleotide-binding oligomerization domain containing 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Omim ID             | <a href="#">181000</a> <a href="#">186580</a> <a href="#">266600</a> <a href="#">605956</a> <a href="#">607507</a>                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene Summary        | This gene is a member of the Nod1/Apaf-1 family and encodes a protein with two caspase recruit ment (CARD) domains and six leucine-rich repeats (LRRs). The protein is primarily expressed in t he peripheral blood leukocytes. It plays a role in the immune response to intracellular bacterial lipo polysaccharides (LPS) by recognizing the muramyl dipeptide (MDP) derived from them and activ ating the NFKB protein. Mutations in this gene have been associated with Crohn disease and Bla u syndrome. [provided by RefSeq |
| Other Designations  | NLR family, CARD domain containing 2 NOD-like receptor C2 OTTHUMP00000164224 caspase recruitment domain family, member 15 caspase recruitment domain protein 15 inflammatory bow el disease protein 1 nucleotide-binding oligomerization domain 2 nucleotide-bin                                                                                                                                                                                                                                                                   |

## Disease

- [Abscess](#)

- [Acquired Hyperostosis Syndrome](#)
- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Anus Diseases](#)
- [Arthritis](#)
- [Arthropathy](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Atrial Fibrillation](#)
- [Autoimmune Diseases](#)
- [Bacteremia](#)
- [Bacterial Infections](#)
- [Behcet Syndrome](#)
- [Bipolar Disorder](#)
- [Birth Weight](#)
- [Body Weight](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Bronchiolitis Obliterans](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Cholangitis](#)
- [Cholelithiasis](#)

- [Chorioamnionitis](#)
- [Chronic Disease](#)
- [Colitis](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Conjunctivitis](#)
- [Connective Tissue Diseases](#)
- [Constriction](#)
- [Coronary Artery Disease](#)
- [Crohn Disease](#)
- [Cross Infection](#)
- [Delayed Graft Function](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Diseases in Twins](#)
- [Duodenal Diseases](#)
- [Edema](#)
- [Encephalitis](#)
- [Encephalomyelitis](#)
- [Enterocolitis](#)
- [Erythema Nodosum](#)
- [Esophageal Neoplasms](#)

- [Eye Diseases](#)
- [Familial Mediterranean fever](#)
- [Fetal Diseases](#)
- [Fetal Membranes](#)
- [Fibrosis](#)
- [Gastritis](#)
- [Genetic Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Graft vs Host Disease](#)
- [Granuloma](#)
- [Granulomatous Disease](#)
- [Growth Disorders](#)
- [Helicobacter Infections](#)
- [HELLP Syndrome](#)
- [Hematologic Diseases](#)
- [Hematologic Neoplasms](#)
- [Hemochromatosis](#)
- [Hyperplasia](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Ileal Diseases](#)
- [Ileitis](#)
- [Immune System Diseases](#)
- [Infant](#)

- [Infection](#)
- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Intestinal Fistula](#)
- [Intestinal Obstruction](#)
- [Irritable Bowel Syndrome](#)
- [Kidney Diseases](#)
- [Leprosy](#)
- [Leukemia](#)
- [Liver Cirrhosis](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Multiple Sclerosis](#)
- [Musculoskeletal Diseases](#)
- [Neoplasms](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Parkinson disease](#)

- [Periodontal Pocket](#)
- [Periodontitis](#)
- [Peritonitis](#)
- [Postoperative Complications](#)
- [Pouchitis](#)
- [Precancerous Conditions](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Psoriasis](#)
- [Pulmonary Disease](#)
- [Pulmonary Fibrosis](#)
- [Rectal Fistula](#)
- [Recurrence](#)
- [Respiratory Syncytial Virus Infections](#)
- [Rheumatic Diseases](#)
- [Rhinitis](#)
- [Sarcoidosis](#)
- [Sepsis](#)
- [Sex Chromosome Aberrations](#)
- [Skin Diseases](#)
- [Skin Neoplasms](#)
- [Spondylarthritis](#)
- [Spondylarthropathies](#)
- [Spondylitis](#)
- [Stomach Diseases](#)

- [Stomach Neoplasms](#)
- [Substance-Related Disorders](#)
- [Syndrome](#)
- [Tobacco Use Disorder](#)
- [Tuberculosis](#)
- [Urinary Bladder Neoplasms](#)
- [Uveitis](#)
- [Vaginosis](#)
- [Vision](#)
- [Wegener Granulomatosis](#)
- [Werner syndrome](#)