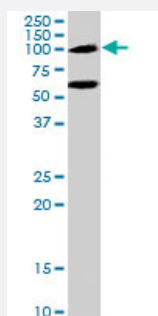


NOD2 polyclonal antibody

Catalog # PAB7102 Size 100 ug

Applications



Western Blot (Cell lysate)

NOD2 polyclonal antibody (Cat # PAB7102) (0.1 ug/mL) staining of human peripheral blood mononucleocyte lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of NOD2.

Immunogen A synthetic peptide corresponding to human NOD2.

Sequence KFRFTDRERHCSPD

Host Goat

Theoretical MW (kDa) 115

Reactivity Human

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage
 ELISA (1:64000)
 Western Blot (0.1-0.3 ug/mL)
 The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — NOD2

Entrez GeneID	64127
Protein Accession#	NP_071445.1
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	181000 186580 266600 605956 607507
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the Nod1/Apaf-1 family and encodes a protein with two caspase recruitment (CARD) domains and six leucine-rich repeats (LRRs). The protein is primarily expressed in the peripheral blood leukocytes. It plays a role in the immune response to intracellular bacterial lipopolysaccharides (LPS) by recognizing the muramyl dipeptide (MDP) derived from them and activating the NFkB protein. Mutations in this gene have been associated with Crohn disease and Blau 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 bowel disease protein 1 nucleotide-binding oligomerization domain 2 nucleotide-bin

Publication Reference

- [Paneth cells: leukocyte-like mediators of innate immunity in the intestine.](#)

Keshav S.

Journal of Leukocyte Biology 2006 Sep; 80(3):500.

Application: IHC, Human, Intestine

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](#)
- [Vaginitis](#)
- [Vision](#)
- [Wegener Granulomatosis](#)
- [Werner syndrome](#)