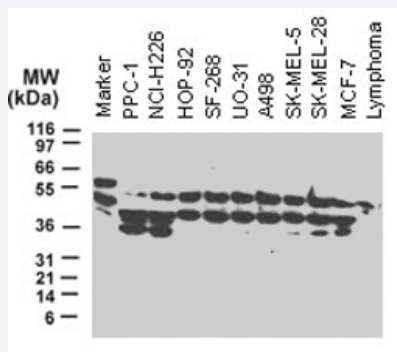


NOD2 polyclonal antibody

Catalog # PAB0265 Size 50 uL

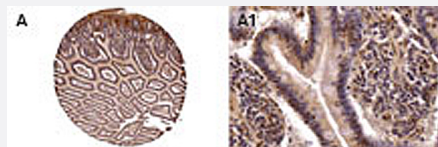
Applications



Western Blot (Cell lysate)

Western blot analysis of NOD2. Using NOD2 polyclonal antibody (Cat # PAB0265) at 1 : 2000. 30 ug total protein was loaded per lane. Samples from human tumor cell lines : PPC-1 (prostate carcinoma) , NCI-H226 and NCI-H332M (lung carcinoma) , SF-268 (glioblastoma) , UO-31 and A498 (renal/kidney carcinoma) , SK-MEL-5 and SK-MEL-28 (melanoma) , and MCF-7 (breast carcinoma) . Lymphoma is from a cell line generated from a tumor growing in nude mice following injection of primary human lymphoma cells.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



Formalin-fixed, paraffin-embedded normal human colon stained for NOD2 expression. Using NOD2 polyclonal antibody (Cat # PAB0265) at 1 : 2000. A, tissue core from a colon tissue microarray. A1, high magnification of A. Hematoxylin-eosin counterstain.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of NOD2.
Immunogen	A synthetic peptide corresponding to amino acids 582-600 of human NOD2/CARD15.
Sequence	LGFLVRAKGVVPGSTAPLE
Host	Rabbit
Reactivity	Human
Form	Liquid

Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In serum (0.05% 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

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- Immunohistochemistry (Frozen sections)

- Immunoprecipitation

Gene Info — NOD2

Entrez GeneID	64127
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

Disease

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- [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](#)
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- [Disease Models](#)
- [Disease Progression](#)

- [Disease Susceptibility](#)
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- [Duodenal Diseases](#)
- [Edema](#)
- [Encephalitis](#)
- [Encephalomyelitis](#)
- [Enterocolitis](#)
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- [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](#)
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- [Melanoma](#)
- [Meningeal Neoplasms](#)

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- [Pouchitis](#)
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- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
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- [Pulmonary Fibrosis](#)
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- [Respiratory Syncytial Virus Infections](#)
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- [Urinary Bladder Neoplasms](#)
- [Uveitis](#)
- [Vaginosis](#)
- [Vision](#)
- [Wegener Granulomatosis](#)
- [Werner syndrome](#)