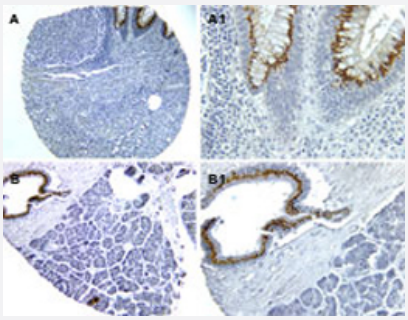
NOD1 polyclonal antibody

Catalog # PAB0266 Size 50 uL

Applications



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

Formalin-fixed, paraffin-embedded sections of human colon (A, A1) and pancreas (B, B1) stained for NOD1 expression. NOD1 polyclonal antibody (Cat # PAB0266) at 1 : 2000. Using a DAB chromogen and Hematoxylin counterstain. Magnification : A (20X) , A1 (40X) . B (10X) , B1 (40X) .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of NOD1.
Immunogen	A synthetic peptide corresponding to amino acids 494-512 of human NOD1/CARD4 .
Sequence	QLGFLRALPELGPGGDQQS
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 shoul d be handled by trained staff only.

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Applications

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

  Formalin-fixed, paraffin-embedded sections of human colon (A, A1) and pancreas (B, B1) stained for NOD1 expression. NOD1 polyclonal antibody (Cat # PAB0266) at 1 : 2000. Using a DAB chromogen and Hematoxylin counterstain. Magnification : A (20X) , A1 (40X) . B (10X) , B1 (40X) .

- Immunohistochemistry (Frozen sections)

- Immunoprecipitation

Gene Info — NOD1

Entrez GeneID	10392
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 dom ain family, member 4|nucleotide-binding oligomerization domain, leucine rich repeat and CARD d omain containing 1

Publication Reference

- Proteasome Particle-Rich Structures Are Widely Present in Human Epithelial Neoplasms: Correlative Light, Confocal and Electron Microscopy Study.

  Necchi V, Sommi P, Vanoli A, Manca R, Ricci V, Solcia E.

  PLoS One 2011 Jun; 6(6):e21317.

  Application : IF, Human, Gastric, Pancreatic

Pathway

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- Epithelial cell signaling in Helicobacter pylori infection

Disease

- Adenocarcinoma
- Asthma
- Atherosclerosis
- Bacteremia
- Birth Weight
- Bronchial Hyperreactivity
- Cardiovascular Diseases
- Chlamydophila 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

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- Glioblastoma
- Glioma
- Helicobacter Infections
- Hypersensitivity
- Inflammation
- Inflammatory Bowel Diseases
- Leukemia
- Meningeal Neoplasms
- Meningioma
- Metaplasia
- Multiple Sclerosis
- Periodontitis
- Rhinitis
- Sarcoidosis
- Stroke

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