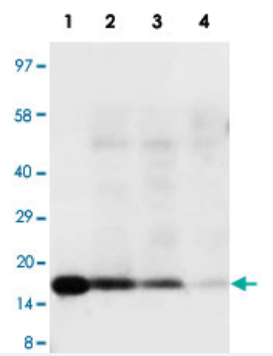
# IL18 polyclonal antibody

Catalog # PAB18297 Size 100 ug

## Applications




### Western Blot

Western blot analysis with IL18 polyclonal antibody (Cat # PAB18297). 1 : Recombinant human IL18 protein 10 ng. 2 : Recombinant human IL18 protein 5 ng. 3 : Recombinant human IL18 protein 2.5 ng. 4 : Raji whole cell lysate.

## Specification

| | |
|---|---|
| **Product Description** | Rabbit polyclonal antibody raised against synthetic peptide of IL18. |
| **Immunogen** | A synthetic peptide corresponding to amino acids at C-terminus of human IL18. |
| **Host** | Rabbit |
| **Reactivity** | Human |
| **Form** | Lyophilized |
| **Purification** | Immunoaffinity purification |
| **Concentration** | 0.5 mg/mL |
| **Isotype** | IgG |
| **Recommend Usage** | Western Blot (1 ug/mL)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | Lyophilized from 0.9 mg NaCl, 0.2 mg $Na_2HPO_4$ (5 mg BSA, 0.05 mg sodium azide, 0.05 mg Thimer osal) |

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| | |
|---|---|
| **Storage Instruction** | Store at -20°C on dry atmosphere.<br>After reconstitution with 200 uL of deionized water and concentration will be 500 ug/mL, store at -20° C or lower.<br>Aliquot to avoid repeated freezing and thawing. |
| **Note** | This product contains sodium azide and thimerosal: POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

## Applications

- Western Blot

  Western blot analysis with IL18 polyclonal antibody (Cat # PAB18297).
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## Gene Info — IL18

| | |
|---|---|
| **Entrez GeneID** | 3606 |
| **Gene Name** | IL18 |
| **Gene Alias** | IGIF, IL-18, IL-1g, IL1F4, MGC12320 |
| **Gene Description** | interleukin 18 (interferon-gamma-inducing factor) |
| **Omim ID** | 600953 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | The protein encoded by this gene is a proinflammatory cytokine. This cytokine can induce the IFN-gamma production of T cells. The combination of this cytokine and IL12 has been shown to inhibit IL4 dependent IgE and IgG1 production, and enhance IgG2a production of B cells. IL-18 binding protein (IL18BP) can specifically interact with this cytokine, and thus negatively regulate its biological activity. [provided by RefSeq |
| **Other Designations** | IL-1 gamma\|interferon-gamma-inducing factor\|interleukin 18\|interleukin-1 gamma\|interleukin-18 |

## Pathway

- Cytokine-cytokine receptor interaction

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## Disease

- Abortion
- Acute Lung Injury
- Adenocarcinoma
- Aggressive Periodontitis
- Alzheimer disease
- Arthritis
- Asthma
- Atherosclerosis
- Atrial Fibrillation
- Autoimmune Diseases
- Behcet Syndrome
- Brain Ischemia
- Breast cancer
- Breast Neoplasms
- Bronchial Hyperreactivity
- Bronchiolitis
- Carcinoma
- Cardiovascular Diseases
- Celiac Disease
- Chorioamnionitis
- Choriocarcinoma
- Choroidal Neovascularization
- Chronic Periodontitis
- Cognition Disorders

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- Colitis
- Colorectal Neoplasms
- Connective Tissue Diseases
- Coronary Artery Disease
- Coronary Disease
- Crohn Disease
- Death
- Dermatitis
- Diabetes Complications
- Diabetes Mellitus
- Disease Progression
- Duodenal Ulcer
- Dyspepsia
- Edema
- Endometriosis
- Endotoxemia
- Epstein-Barr Virus Infections
- Esophageal Neoplasms
- Fetal Diseases
- Fetal Membranes
- Gastrointestinal Neoplasms
- Genetic Predisposition to Disease
- Giant Cell Arteritis
- Gingivitis
- Glomerulonephritis
- Graft vs Host Disease

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- Graves Disease
- Graves Ophthalmopathy
- Head and Neck Neoplasms
- Heart Diseases
- Helicobacter Infections
- Hematologic Diseases
- Hemophilia A
- Hepatitis B
- Hepatitis C
- HIV Infections
- HIV-Associated Lipodystrophy Syndrome
- Hodgkin Disease
- Hydatidiform Mole
- Hypersensitivity
- Hypertension
- Infant
- Infection
- Inflammation
- Inflammatory Bowel Diseases
- Insulin Resistance
- Intracranial Arteriosclerosis
- Kidney Calculi
- Kidney Failure
- Kidney Neoplasms
- Latex Hypersensitivity
- Leiomyoma

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- Lichen Planus
- Liver Neoplasms
- Lung Neoplasms
- Lupus Erythematosus
- Lupus Nephritis
- Lymphadenitis
- Lymphoma
- Lymphoproliferative Disorders
- Macular Degeneration
- Metabolic Syndrome X
- Metaplasia
- Mouth Neoplasms
- Mucocutaneous Lymph Node Syndrome
- Multiple Myeloma
- Musculoskeletal Diseases
- Mycobacterium Infections
- Myocardial Infarction
- Nasopharyngeal Neoplasms
- Neoplasms
- Obesity
- Obstetric Labor
- Occupational Diseases
- Osteoporosis
- Ovarian cancer
- Ovarian Neoplasms

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- Pain
- Pancreatic cancer
- Pancreatic Neoplasms
- Periodontitis
- Pneumoconiosis
- Postoperative Complications
- Precancerous Conditions
- Pre-Eclampsia
- Pregnancy Complications
- Premature Birth
- Prostate cancer
- Prostatic Neoplasms
- Proteinuria
- Pulmonary Disease
- Purpura
- Recurrence
- Respiratory Syncytial Virus Infections
- Retinal Vein Occlusion
- Rhinitis
- Sarcoidosis
- Schistosomiasis mansoni
- Schizophrenia
- Skin Diseases
- Stomach Neoplasms
- Stomach Ulcer
- Stroke

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- Substance Abuse
- Thyroid Diseases
- Tuberculosis
- Uterine Cervical Neoplasms
- Uterine Neoplasms
- Uveitis
- Vasculitis
- Waldenstrom Macroglobulinemia
- Werner syndrome
- Wounds and Injuries

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