

DNAxPAb

Hard-to-Find  
Antibody

# IL18 DNAxPab

Catalog # H00003606-W01P

Size 200 ug

## Specification

|                         |                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description     | Rabbit polyclonal antibody raised against a full-length human IL18 DNA using DNAx™ Immune technology.                                                                                                   |
| Technology              | <a href="#">DNAx™ Immune</a>                                                                                                                                                                            |
| Immunogen               | Full-length human DNA                                                                                                                                                                                   |
| Sequence                | MAAEPVEDNCINFVAMKFIDNTLYFAEDDENLESDYFGKLESKLSVIRNLNDQVLFDQGNRPLFE<br>DMTDSDCRDNAPRTIFIISMYKDSQPRGMAVTISVKCEKISTLSCENKIISFKEMNPPDNIKDTKSDII<br>FFQRSVPGHDKMKQFESSSYEGYFLACEKERDLFKLILKKEDELGDRSIMFTVQNED |
| 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 — IL18

Entrez GeneID [3606](#)

GeneBank Accession# [BC007007.1](#)

Protein Accession# [AAH07007.1](#)

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](#)

## 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](#)
- [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](#)
- [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](#)
- [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](#)
- [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](#)
- [Substance Abuse](#)
- [Thyroid Diseases](#)
- [Tuberculosis](#)
- [Uterine Cervical Neoplasms](#)
- [Uterine Neoplasms](#)
- [Uveitis](#)
- [Vasculitis](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)
- [Wounds and Injuries](#)