DNAxPAb | Hard-to-Find Antibody

IL9 DNAxPab

Catalog # H00003578-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human IL9 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MLLAMVLTSALLLCSVAGQGCPTLAGILDINFLINKMQEDPASKCHCSANVTSCLCLGIPSDNCTR PCFSERLSQMTNTTMQTRYPLIFSRVKKSVEVLKNNKCPYFSCEQPCNQTTAGNALTFLKSLLEIF QKEKMRGMRGKI
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 — IL9

Entrez GeneID	3578
GeneBank Accession#	NM_000590.1
Protein Accession#	NP_000581.1
Gene Name	IL9
Gene Alias	HP40, IL-9, P40
Gene Description	interleukin 9
Omim ID	146931
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a cytokine that acts as a regulator of a variety of hematopoietic cells. This cytokine stimulates cell proliferation and prevents apoptosis. It functions through the interleukin 9 receptor (IL9R), which activates different signal transducer and activator (STAT) proteins and thus connects this cytokine to various biological processes. The gene encoding this cytokine has been identified as a candidate gene for asthma. Genetic studies on a mouse model of asthma demonstrated that this cytokine is a determining factor in the pathogenesis of bronchial hyperresponsiveness. [provided by RefSeq
Other Designations	OTTHUMP00000159423|T-cell growth factor p40|homolog of mouse T cell and mast cell growth factor 40|p40 T-cell and mast cell growth factor|p40 cytokine

Pathway

- Asthma
- Cytokine-cytokine receptor interaction
- Jak-STAT signaling pathway

Disease

- Asthma
- Atherosclerosis
- Berylliosis
- Brain Ischemia

- Bronchial Hyperreactivity
- Bronchiolitis
- Cardiovascular Diseases
- Celiac Disease
- Chlamydia Infections
- Chorioamnionitis
- Chronic Disease
- Constriction
- Coronary Artery Disease
- Diabetes Mellitus
- Edema
- Fetal Membranes
- Food Hypersensitivity
- Genetic Predisposition to Disease
- Hematologic Diseases
- Hodgkin Disease
- Hypersensitivity
- Hypertension
- Infant
- Inflammation
- Lymphoma
- Lymphoproliferative Disorders
- Migraine Disorders
- Multiple Myeloma
- Multiple Sclerosis
- Obstetric Labor

- Occupational Diseases
- Osteoporosis
- Pre-Eclampsia
- Premature Birth
- Recurrence
- Respiratory Hypersensitivity
- Respiratory Sounds
- Respiratory Syncytial Virus Infections
- Schizophrenia
- Stroke
- Trachoma
- Waldenstrom Macroglobulinemia
- Werner syndrome