DNAxPAb | Hard-to-Find Antibody

IL7 DNAxPab

Catalog # H00003574-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human IL7 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MFHVSFRYIFGLPPLILVLLPVASSDCDIEGKDGKQYESVLMVSIDQLLDSMKEIGSNCLNNEFNFF KRHICDANKEGMFLFRAARKLRQFLKMNSTGDFDLHLLKVSEGTTILLNCTGQVKGRKPAALGEA QPTKSLEENKSLKEQKKLNDLCFLKRLLQEIKTCWNKILMGTKEH
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 — IL7

Entrez GeneID	3574
GeneBank Accession#	BC047698.1
Protein Accession#	AAH47698.1
Gene Name	IL7
Gene Alias	IL-7
Gene Description	interleukin 7
Omim ID	146660
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a cytokine important for B and T cell development. This cytokine and the hepatocyte growth factor (HGF) form a heterodimer that functions as a pre-pro-B cell growth-stimulating factor. This cytokine is found to be a cofactor for V(D)J rearrangement of the T cell receptor beta (TCRB) during early T cell development. This cytokine can be produced locally by intestinal epithelial and epithelial goblet cells, and may serve as a regulatory factor for intestinal mucosal lymphocytes. Knockout studies in mice suggested that this cytokine plays an essential role in lymphoid cell survival. [provided by RefSeq
Other Designations	IL7 nirs variant 6

Pathway

- Cytokine-cytokine receptor interaction
- Hematopoietic cell lineage
- Jak-STAT signaling pathway

Disease

- Asthma
- Bronchiolitis
- Cardiovascular Diseases
- Celiac Disease
- Diabetes Mellitus

- Edema
- Genetic Predisposition to Disease
- Infant
- Multiple Sclerosis
- Respiratory Syncytial Virus Infections