

DNAxPAb

Hard-to-Find
Antibody

IL6ST DNAxPab

Catalog # H00003572-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human IL6ST DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
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 — IL6ST

Entrez GeneID	3572
GeneBank Accession#	HQ258523.1
Protein Accession#	ADR83277.1
Gene Name	IL6ST
Gene Alias	CD130, CDw130, GP130, GP130-RAPS, IL6R-beta
Gene Description	interleukin 6 signal transducer (gp130, oncostatin M receptor)
Omim ID	600694
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a signal transducer shared by many cytokines, including interleukin 6 (IL6), ciliary neurotrophic factor (CNTF), leukemia inhibitory factor (LIF), and oncostatin M (OSM). This protein functions as a part of the cytokine receptor complex. The activation of this protein is dependent upon the binding of cytokines to their receptors. vIL6, a protein related to IL6 and encoded by the Kaposi sarcoma-associated herpesvirus, can bypass the interleukin 6 receptor (IL6R) and directly activate this protein. Knockout studies in mice suggested a critical role of the gene encoding this protein in regulating myocyte apoptosis. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq]
Other Designations	CD130 antigen IL6ST nirs variant 3 OTTHUMP00000122545 gp130 of the rheumatoid arthritis antigenic peptide-bearing soluble form gp130 transducer chain interleukin 6 signal transducer interleukin receptor beta chain membrane glycoprotein gp130 oncostatin M

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Arthritis](#)
- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Chronic Disease](#)

- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Hyperandrogenism](#)
- [Hypertension](#)
- [Lymphoproliferative Disorders](#)
- [Metabolic Syndrome X](#)
- [Multiple Myeloma](#)
- [Myocardial Infarction](#)
- [Obesity](#)
- [Occupational Diseases](#)
- [Ovarian Neoplasms](#)
- [Periodontitis](#)
- [Thyroid Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)