



Anti-IL6ST (aa 23-122) polyclonal antibody (DPAB-DC1702)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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 suggest that this gene plays a critical role in regulating myocyte apoptosis. Alternatively spliced transcript variants have been described. A related pseudogene has been identified on chromosome 17.
Immunogen	IL6ST (NP_002175, 23 a.a. ~ 122 a.a) partial recombinant protein with GST tag. The sequence is ELLDPGYSIPESPVVQLHSNFTAVCVLKEKCMDYFHVNANYIVWKTNHFTIPKEQYTII NRTASSVTFTDIASLNIQLTCNLTFGQLEQNVYGITIIS
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	IL6ST interleukin 6 signal transducer [Homo sapiens (human)]
Official Symbol	IL6ST
Synonyms	IL6ST; interleukin 6 signal transducer; CD130; GP130; CDW130; IL-6RB; interleukin-6 receptor subunit beta; CD130 antigen; IL-6R subunit beta; membrane glycoprotein 130; IL-6 receptor subunit beta; membrane glycoprotein gp130; gp130, oncostatin M receptor; interleukin receptor beta chain; oncostatin-M receptor subunit alpha; gp130 of the rheumatoid arthritis antigenic peptide-bearing soluble form;
Entrez Gene ID	3572
Protein Refseq	NP_001177910
UniProt ID	P40189
Chromosome Location	5q11.2
Pathway	Adipogenesis; Cytokine-cytokine receptor interaction; IL-6 Signaling Pathway; IL6-mediated signaling events.
Function	ciliary neurotrophic factor receptor activity; ciliary neurotrophic factor receptor binding; growth factor binding; contributes_to growth factor binding