



Anti-IL11RA (full length) polyclonal antibody (DPAB-DC1708)

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

PRODUCT INFORMATION

Antigen Description	Interleukin 11 is a stromal cell-derived cytokine that belongs to a family of pleiotropic and redundant cytokines that use the gp130 transducing subunit in their high affinity receptors. This gene encodes the IL-11 receptor, which is a member of the hematopoietic cytokine receptor family. This particular receptor is very similar to ciliary neurotrophic factor, since both contain an extracellular region with a 2-domain structure composed of an immunoglobulin-like domain and a cytokine receptor-like domain. Multiple alternatively spliced transcript variants have been found for this gene.
Immunogen	IL11RA (AAH03110, 1 a.a. ~ 422 a.a) full-length recombinant protein with GST tag. The sequence is MSSSCSGLSRVLVAVATALVSASSPCPQAWGPPGVQYGGPGRSVKLCCPGVTAGDPVSWF RDGEPKLLQGPDSGLGHELVLQAQADSTDEGTICQTLTGALGGTVTLQLGYPPARPVVSC QAADYENFSCWSPSQISGLPTRYLTSYRKKTVLGADSQRRSPSTGPWPCPDPLGAARC VVHGAEFWSQYRINVTEVNPLGASTRLLDVSLQSLRPDPPQGLRVESVPGYPRRLRASW TYPASWPCQPHFLLKFRLLQYRPAQHPAWSTVEPAGLEEVITDAVAGLPHAVRVSARDFLD AGTWSTWSPEAWGTPSTGTIPKEIPAWGQLHTQPEVEPQVDSPAPPRPSLQPHPRLLDHR DSVEQVAVLASLGTLSFLGLVAGALALGLWLRLRRGGKDGSP
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	IL11RA interleukin 11 receptor, alpha [Homo sapiens (human)]
Official Symbol	IL11RA
Synonyms	IL11RA; interleukin 11 receptor, alpha; CRSDA; interleukin-11 receptor subunit alpha; IL-11R subunit alpha; IL-11 receptor subunit alpha; interleukin-11 receptor alpha chain;
Entrez Gene ID	3590
Protein Refseq	NP_001136256
UniProt ID	Q14626
Chromosome Location	9p13
Pathway	Cytokine-cytokine receptor interaction; Hematopoietic cell lineage; Interleukin-11 Signaling Pathway; Jak-STAT signaling pathway.
Function	cytokine receptor activity; signal transducer activity; transmembrane signaling receptor activity;