



Anti-LIF polyclonal antibody [Biotin] (DPABY-369)

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

PRODUCT INFORMATION

Antigen Description	Based on its helical structure, LIF (Leukemia Inhibitory Factor) is considered a member of the Interleukin-6 family of cytokines. Functionally, it has been implicated in a many physiological processes including development, hematopoiesis, bone metabolism, and inflammation. Some cell types known to express LIF include activated T cells, monocytes, astrocytes, osteoblasts, keratinocytes, regenerating skeletal muscle, mast cells, and fibroblasts.
Specificity	Detects human LIF in ELISAs and Western blots.
Immunogen	E. coli-derived recombinant human LIF. Ser23-Phe202 Accession Number P15018
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, ELISA Detection (Matched Pair)
Format	Liquid
Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

12 months from date of receipt, -20 to -70 °C as supplied.
1 month, 2 to 8 °C under sterile conditions after reconstitution.
6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	LIF leukemia inhibitory factor [Homo sapiens (human)]
Official Symbol	LIF
Synonyms	LIF; leukemia inhibitory factor; CDF; DIA; HILDA; MLPLI; D factor; human interleukin in DA cells; melanoma-derived LPL inhibitor; differentiation-inducing factor; hepatocyte-stimulating factor III; cholinergic differentiation factor; differentiation-stimu
Entrez Gene ID	3976
Protein Refseq	NP_001244064
UniProt ID	P15018
Chromosome Location	22q12.2
Pathway	Adipogenesis; Cytokine-cytokine receptor interaction; Direct p53 effectors; Jak-STAT signaling pathway; MicroRNAs in cardiomyocyte hypertrophy; TGF Beta Signaling Pathway; TNF signaling pathway; Validated transcriptional targets of AP1 family members Fra1
Function	RNA polymerase II transcription factor recruiting transcription factor activity; cytokine activity; growth factor activity; leukemia inhibitory factor receptor binding; receptor binding;