



Anti-LIF (internal region) polyclonal antibody (DPAB-DC1849)

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 pleiotropic cytokine with roles in several different systems. It is involved in the induction of hematopoietic differentiation in normal and myeloid leukemia cells, induction of neuronal cell differentiation, regulator of mesenchymal to epithelial conversion during kidney development, and may also have a role in immune tolerance at the maternal-fetal interface. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Immunogen	A synthetic peptide corresponding to amino acids 28-39 at internal region of human LIF. The sequence is TPVNATCAIRHP
Source/Host	Goat
Species Reactivity	Human, Mouse, Rat
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB (Tissue lysate),
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

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-stimulating factor; differentiation inhibitory activity;
Entrez Gene ID	3976
Protein Refseq	NP_001244064
UniProt ID	P15018
Chromosome Location	22q12.2
Pathway	Adipogenesis; Cytokine-cytokine receptor interaction; Jak-STAT signaling pathway; MicroRNAs in cardiomyocyte hypertrophy
Function	RNA polymerase II transcription factor recruiting transcription factor activity; cytokine activity; growth factor activity; leukemia inhibitory factor receptor binding