



# LIF Polyclonal Antibody

<b>Catalog No</b>	BYab-15985
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Gene Name</b>	LIF
<b>Protein Name</b>	Leukemia inhibitory factor
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the C-terminal region of human LIF. AA range:141-190
<b>Specificity</b>	LIF Polyclonal Antibody detects endogenous levels of LIF protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000.. IF 1:50-200
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	LIF; HILDA; Leukemia inhibitory factor; LIF; Differentiation-stimulating factor; D factor; Melanoma-derived LPL inhibitor; MLPLI; Emfilermin
<b>Observed Band</b>	25kD
<b>Cell Pathway</b>	Secreted.
<b>Tissue Specificity</b>	Colon,
<b>Function</b>	function:LIF has the capacity to induce terminal differentiation in leukemic cells. Its activities include the induction of hematopoietic differentiation in normal and myeloid leukemia cells, the induction of neuronal cell differentiation, and the stimulation of acute-phase protein synthesis in hepatocytes..online information:Leukemia inhibitory factor entry,pharmaceutical:In phase II clinical trial. The drug is being developed by Amrad to assist embryo implantation in women who have failed to become pregnant despite assisted reproductive technologies (ART)..similarity:Belongs to the LIF/OSM family.,

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**Background**

leukemia inhibitory factor(LIF) Homo sapiens 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. [provided by RefSeq, Mar 2012],

**matters needing attention**

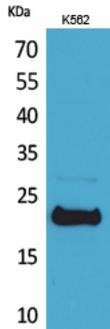
Avoid repeated freezing and thawing!

**Usage suggestions**

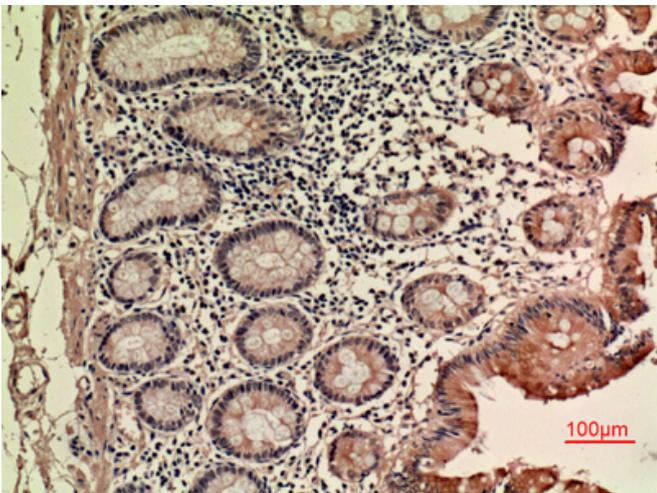
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



## Products Images



Western Blot analysis of K562 cells using LIF Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-colon, antibody was diluted at 1:100



Western blot analysis of lysate from K562 cells, using LIF Antibody.