Rabbit anti-Human LIF Polyclonal Antibody | anti-LIF antibody

LIF Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285934	**Rabbit**	**Human**	**Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot**

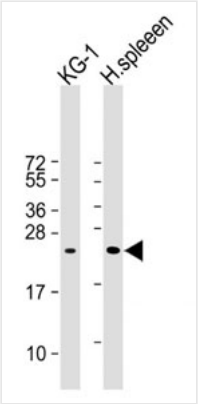
PRODUCT SYNONYMS

LIF; Polyclonal Antibody; LIF Antibody (Center); Leukemia inhibitory factor; Differentiation-stimulating factor; D factor; Melanoma-derived LPL inhibitor; MLPLI; Emfilermin; HILDA; anti-LIF antibody

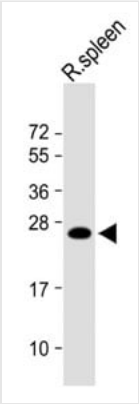
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This LIF antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 72-101 amino acids from the Central region of human LIF.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	72-101
Sequence Length	88
Applicable Applications for anti-LIF antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
All lanes : Anti- LIF Antibod y (Center) at 1:1000 dilutionLane 1: KG-1 whole cell lysateLane 2: Human spleen whole cell lysate Lysates/proteins at 20 ug per lane.Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 22 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



WB (Western Blot)
Anti-LIF Antibody (Center) at 1:1000 dilution + Rat spleen lysate Lysates/proteins at 20 ug per lane.Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 25 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-LIF antibody	LIF 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.
Product Categories/Family for anti-LIF antibody	Cancer; Cell Biology; Immunology; Neuroscience; Signal Transduction
References	Novotny,Z., et.al., Folia Biol. (Praha) 55 (3), 92-97 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	380418324
NCBI GeneID	3976
NCBI Accession #	NP_001244064.1; NP_002300.1
NCBI GenBank Nucleotide #	NM_001257135.1
UniProt Accession #	P15018; Q52LZ2; B2RCW7; B5MC23
Molecular Weight	22008
NCBI Official Full Name	leukemia inhibitory factor isoform 2
NCBI Official Synonym Full Names	leukemia inhibitory factor
NCBI Official Symbol	LIF
NCBI Official Synonym Symbols	CDF; DIA; HILDA; MLPLI
NCBI Protein Information	leukemia inhibitory factor
UniProt Protein Name	Leukemia inhibitory factor
UniProt Gene Name	**LIF**
UniProt Synonym Gene Names	HILDA; LIF; D factor; MLPLI
UniProt Entry Name	LIF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/lif-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/285934