

Anti-LIF Antibody

Rabbit polyclonal antibody to LIF
Catalog # AP60332

Product Information

Application	WB, IHC
Primary Accession	P15018
Other Accession	P09056
Reactivity	Human, Mouse, Rat, Pig, Bovine, SARS
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22008

Additional Information

Gene ID	3976
Other Names	HILDA; Leukemia inhibitory factor; LIF; Differentiation-stimulating factor; D factor; Melanoma-derived LPL inhibitor; MLPLI; Emfilermin
Target/Specificity	Recognizes endogenous levels of LIF protein.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/50 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/50 - 1/200)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

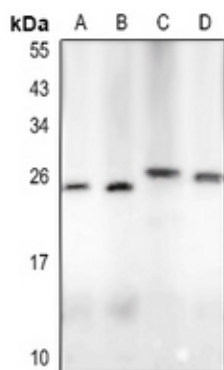
Protein Information

Name	LIF
Synonyms	HILDA
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.
Cellular Location	Secreted.

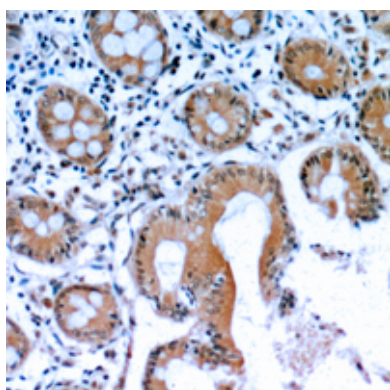
Background

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human LIF. The exact sequence is proprietary.

Images



Western blot analysis of LIF expression in HCT116 (A), LO2 (B), mouse testis (C), rat testis (D) whole cell lysates.



Immunohistochemical analysis of LIF staining in human colon cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.