

For Research Use Only

Lif Polyclonal antibody

Catalog Number: 31247-1-AP



Basic Information

Catalog Number:

31247-1-AP

Size:

400 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

GeneID (NCBI):

16878

UNIPROT ID:

P09056

Full Name:

Leukemia inhibitory factor

Calculated MW:

22 KDa

Observed MW:

33-35 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse

Positive Controls:

WB : NIH/3T3 cells, mouse lung tissue

Background Information

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. LIF is a glycoprotein containing six putative N-glycosylation sites. The molecular weight of the unglycosylated LIF protein is 20-25 kDa, while the molecular weight of the glycosylated protein is in the range of 37-63 kDa.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

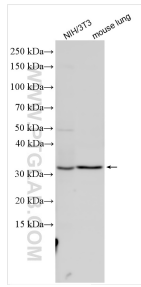
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31247-1-AP (Lif antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.