

For Research Use Only

# Mouse LIF Polyclonal antibody, PBS Only

Catalog Number: 31247-1-PBS



## Basic Information

Catalog Number:

31247-1-PBS

Size:

1 mg/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

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

mouse

## 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 -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS Only

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

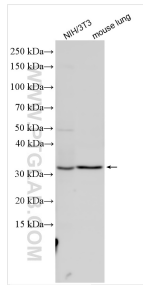
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

**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. This data was developed using the same antibody clone with 31247-1-PBS in a different storage buffer formulation.