

# LIF Rabbit pAb

Catalog No.: A1288 **3 Publications**

## Basic Information

### Observed MW

35kDa

### Calculated MW

22kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human, Mouse, Rat

## Background

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.

## Recommended Dilutions

|       |                |
|-------|----------------|
| WB    | 1:500 - 1:2000 |
| IHC-P | 1:50 - 1:200   |

## Immunogen Information

### Gene ID

3976

### Swiss Prot

P15018

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 23-202 of human LIF (NP\_002300.1).

### Synonyms

CDF; DIA; HILDA; MLPLI; LIF

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

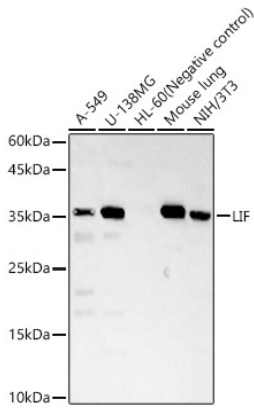
Affinity purification

### Storage

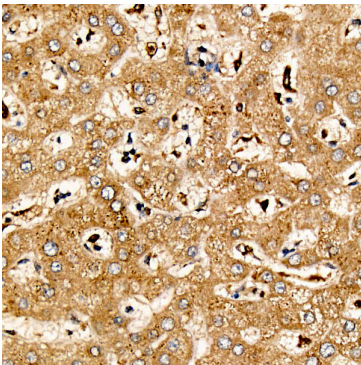
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of various lysates, using LIF Rabbit pAb (A1288) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 180s.



Immunohistochemistry analysis of LIF in paraffin-embedded human liver tissue using LIF Rabbit pAb (A1288) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.