

Datasheet for ABIN7430882  
**anti-LIF antibody (AA 2-201)**

## 8 Images

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## Overview

Quantity:	100 µL
Target:	LIF
Binding Specificity:	AA 2-201
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LIF antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Leukemia Inhibitory Factor (LIF)
Immunogen:	Recombinant Leukemia Inhibitory Factor (LIF) corresponding to Lys2~Ala201 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against LIF. It has been selected for its ability to recognize LIF in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

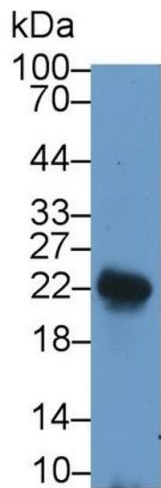
Target:	LIF
Alternative Name:	Leukemia Inhibitory Factor ( <a href="#">LIF Products</a> )
Background:	CDF, D-FACTOR, HILDA, MLPLI, Cholinergic Differentiation Factor, Differentiation-Stimulating Factor, Melanoma-Derived LPL Inhibitor, Emfilermin
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">Positive Regulation of Peptide Hormone Secretion</a> , <a href="#">Negative Regulation of Hormone Secretion</a> , <a href="#">Stem Cell Maintenance</a> , <a href="#">Growth Factor Binding</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

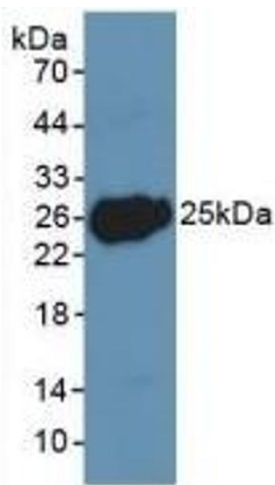
## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



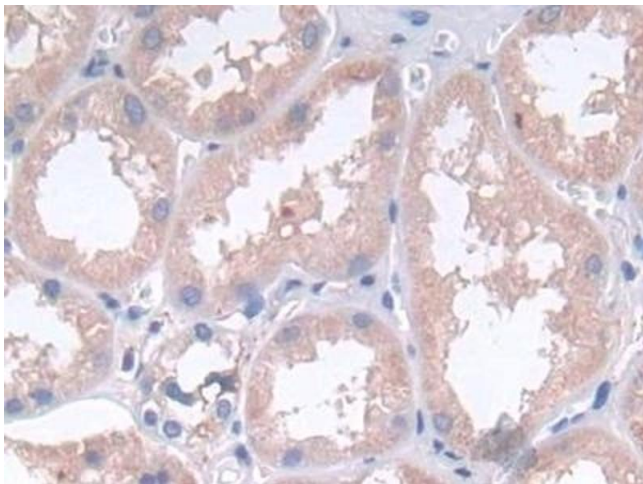
**Western Blotting**

**Image 1.** Detection of LIF in Rat Spleen lysate using Polyclonal Antibody to Leukemia Inhibitory Factor (LIF)



**Western Blotting**

**Image 2.** Detection of Recombinant LIF, Human using Polyclonal Antibody to Leukemia Inhibitory Factor (LIF)



**Immunohistochemistry**

**Image 3.** Detection of LIF in Human Kidney Tissue using Polyclonal Antibody to Leukemia Inhibitory Factor (LIF)

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN7430882.