

For Research Use Only

# Thrombopoietin Polyclonal antibody

Catalog Number: 31259-1-AP



## Basic Information

### Catalog Number:

31259-1-AP

### Size:

150ul , Concentration: 500 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_001173505.1

### GeneID (NCBI):

21832

### UNIPROT ID:

P40226

### Full Name:

thrombopoietin

### Calculated MW:

38KD

### Observed MW:

38 kDa

### Purification Method:

Antigen affinity Purification

### Recommended Dilutions:

WB 1:1000-1:6000

## Applications

### Tested Applications:

WB, ELISA

### Species Specificity:

mouse, rat

### Positive Controls:

WB : mouse liver tissue, rat liver tissue

## Background Information

Thrombopoietin (TPO) is a primary regulator of megakaryocyte development and platelet production in mammals. Human TPO constitutively circulates and maintains thrombopoiesis through interaction with its cognate receptor, myeloproliferative leukemia protein (MPL). TPO also plays an important role in the maintenance and regulation of hematopoietic stem cells (HSCs).

## 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

\*\*\* 20ul sizes contain 0.1% BSA

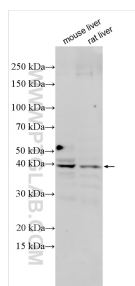
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31259-1-AP (Thrombopoietin antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.