

For Research Use Only

# Alpha-1-microglobulin Polyclonal antibody

Catalog Number: 31801-1-AP



## Basic Information

### Catalog Number:

31801-1-AP

### Size:

150ul , Concentration: 450 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

EG1127

### GenBank Accession Number:

NM\_001633.4

### GeneID (NCBI):

259

### UNIPROT ID:

P02760

### Full Name:

alpha-1-microglobulin/bikunin precursor

### Calculated MW:

39kDa

### Observed MW:

30 kDa

### Purification Method:

Antigen affinity Purification

### Recommended Dilutions:

WB 1:1000-1:6000

## Applications

### Tested Applications:

WB, ELISA

### Species Specificity:

human

### Positive Controls:

WB : human plasma, human urine sample, human urine tissue

## Background Information

Alpha 1 microglobulin, also known as HI30, is a 27-30 kDa glycoprotein, present in various body fluids. It belongs to the lipocalin superfamily of hydrophobic ligand-binding proteins forming an internal ligand-binding pocket. The protein acts as a mediator of bacterial adhesion to polymer surfaces and is involved in inhibiting renal lithogenesis.

## Storage

### Storage:

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

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

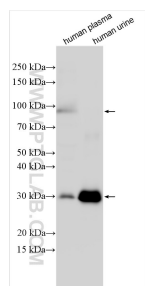
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.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 31801-1-AP (Alpha-1-microglobulin antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.