

For Research Use Only

# Alpha-1-microglobulin Polyclonal antibody

Catalog Number: 31801-1-AP



## Basic Information

Catalog Number:

31801-1-AP

Concentration:

450 ug/ml

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

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

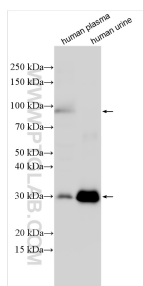
T: 4006900926

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 31801-1-AP (Alpha-1-microglobulin antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.