

For Research Use Only

# Alpha 1 microglobulin Polyclonal antibody



Catalog Number: 26716-1-AP

## Basic Information

<b>Catalog Number:</b> 26716-1-AP	<b>GenBank Accession Number:</b> BC041593	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 259	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P02760	
<b>Isotype:</b> IgG	<b>Full Name:</b> alpha-1-microglobulin/bikunin precursor	
<b>Immunogen Catalog Number:</b> AG25239	<b>Calculated MW:</b> 352 aa, 39 kDa	
	<b>Observed MW:</b> 30 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : human plasma, human urine
<b>Species Specificity:</b> human	

## 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 pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

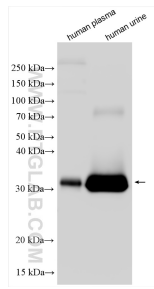
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26716-1-AP (Alpha 1 microglobulin antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.