

For Research Use Only

# KL Polyclonal antibody

Catalog Number: 28100-1-AP

22 Publications



## Basic Information

### Catalog Number:

28100-1-AP

### Size:

150ul, Concentration: 800 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG27759

### GenBank Accession Number:

NM\_004795

### GeneID (NCBI):

9365

### UNIPROT ID:

Q9UEF7

### Full Name:

klotho

### Calculated MW:

116 kDa

### Observed MW:

62 kDa, 130 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IP, IHC, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

Human, Mouse, Rat

### Cited Species:

human, mouse, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : mouse kidney tissue, rat kidney tissue

IP : mouse kidney tissue,

IHC : human kidney tissue, mouse brain tissue

## Notable Publications

Author	Pubmed ID	Journal	Application
Li Lin	36325267	Genet Res (Camb)	WB
Shengnan Zhou	36277690	Front Endocrinol (Lausanne)	WB
Hao Meng	34807408	Hum Cell	WB

## 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

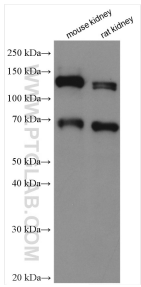
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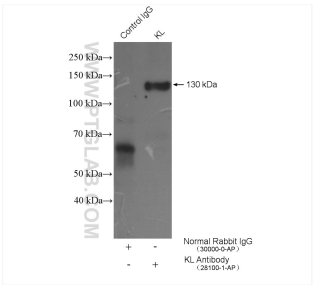
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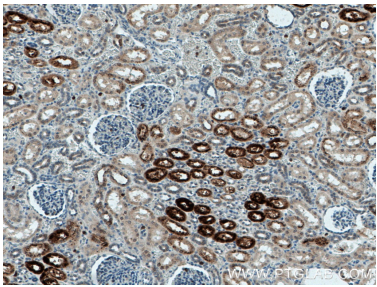
Selected Validation Data



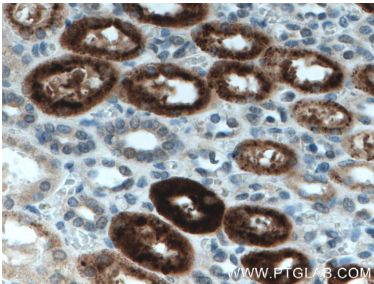
Various lysates were subjected to SDS PAGE followed by western blot with 28100-1-AP (KL antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-KL (IP:28100-1-AP, 4ug; Detection:28100-1-AP 1:300) with mouse kidney tissue lysate 4000 ug.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 28100-1-AP (KL antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 28100-1-AP (KL antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).