

For Research Use Only

# CLCNKA Polyclonal antibody

Catalog Number: 14402-1-AP



## Basic Information

### Catalog Number:

14402-1-AP

### Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 240 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG5647

### GenBank Accession Number:

BC048282

### GeneID (NCBI):

1187

### UNIPROT ID:

P51800

### Full Name:

chloride channel Ka

### Calculated MW:

75 kDa

### Observed MW:

70 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:4000

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

IHC 1:400-1:1000

## Applications

### Tested Applications:

WB, IP, IHC, ELISA

### Species Specificity:

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**: HEK-293 cells, human kidney tissue, mouse pancreas tissue, mouse kidney tissue

**IP**: HEK-293 cells,

**IHC**: human kidney tissue, human placenta tissue, human testis tissue, human skin tissue, human spleen tissue, human lung tissue, human ovary tissue

## 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

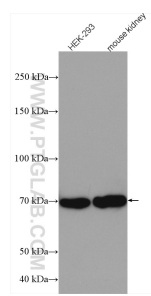
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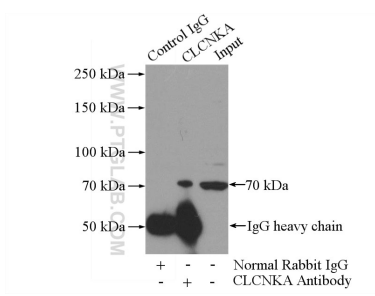
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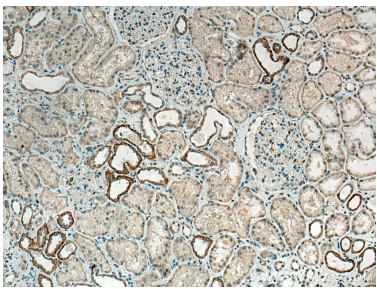
Selected Validation Data



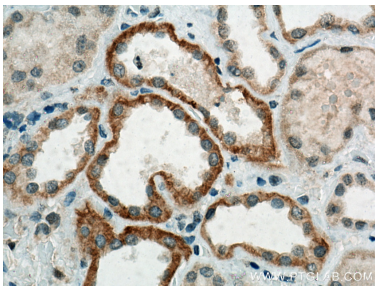
Various lysates were subjected to SDS PAGE followed by western blot with 14402-1-AP (CLCNKA antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



IP result of anti-CLCNKA (IP:14402-1-AP, 5ug; Detection:14402-1-AP 1:500) with HEK-293 cells lysate 880ug.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 14402-1-AP (CLCNKA antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 14402-1-AP (CLCNKA antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).