

For Research Use Only

# GUK1 Polyclonal antibody

Catalog Number: 10755-1-AP

Featured Product



## Basic Information

Catalog Number:

10755-1-AP

Size:

700 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1205

GenBank Accession Number:

BC009914

GeneID (NCBI):

2987

UNIPROT ID:

Q16774

Full Name:

guanylate kinase 1

Calculated MW:

22 kDa

Observed MW:

22-27 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:3000

IHC 1:50-1:500

## Applications

Tested Applications:

IHC, WB, 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, HeLa cells

IHC : human kidney tissue, human liver cancer tissue

## Background Information

### 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:

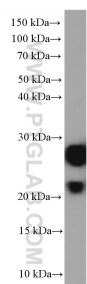
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

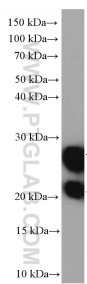
W: [ptgcn.com](http://ptgcn.com)

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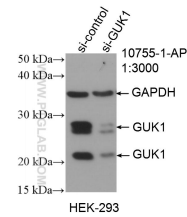
Selected Validation Data



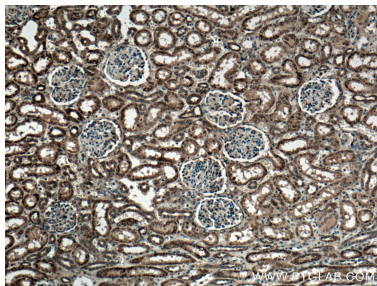
HEK-293 cells were subjected to SDS PAGE followed by western blot with 10755-1-AP (GUK1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



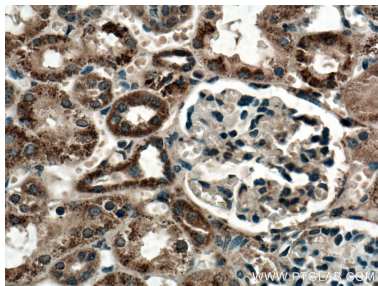
HeLa cells were subjected to SDS PAGE followed by western blot with 10755-1-AP (GUK1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



WB result of GUK1 antibody (10755-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-GUK1 transfected HEK-293 cells.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 10755-1-AP (GUK1 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 10755-1-AP (GUK1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).