

For Research Use Only

GUK1 Polyclonal antibody

Catalog Number: 10755-1-AP

Featured Product



Basic Information

Catalog Number:

10755-1-AP

Size:

150ul , Concentration: 700 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

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:

WB, 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, HeLa cells

IHC : human kidney tissue, human liver cancer 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

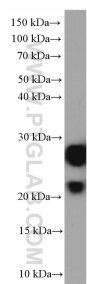
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

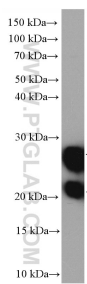
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

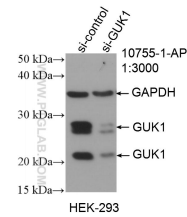
Selected Validation Data



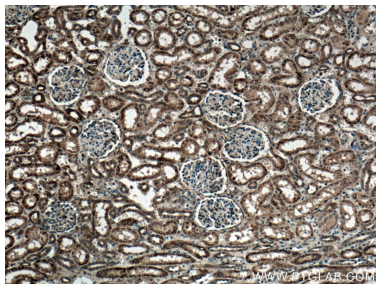
HEK-293 cells were subjected to SDS PAGE followed by western blot with 10755-1-AP (GUK1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



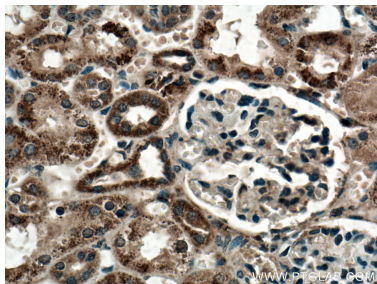
HeLa cells were subjected to SDS PAGE followed by western blot with 10755-1-AP (GUK1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).