

For Research Use Only

# MRPS5 Polyclonal antibody

Catalog Number: 16428-1-AP

Featured Product

1 Publications



## Basic Information

**Catalog Number:**

16428-1-AP

**Size:**

400 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG9672

**GenBank Accession Number:**

BC014172

**GeneID (NCBI):**

64969

**UNIPROT ID:**

P82675

**Full Name:**

mitochondrial ribosomal protein S5

**Calculated MW:**

430 aa, 48 kDa

**Observed MW:**

38-42 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:3000

IHC 1:50-1:500

## Applications

**Tested Applications:**

IHC, WB, ELISA

**Cited Applications:**

IHC

**Species Specificity:**

human

**Cited Species:**

human

**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, HepG2 cells, Jurkat cells

IHC : human kidney tissue,

## Background Information

## Notable Publications

Author	Pubmed ID	Journal	Application
Yiwen Liu	36989676	Transl Oncol	IHC

## 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:

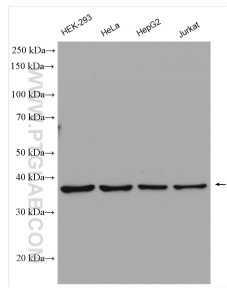
T: 4006900926

E: Proteintech-CN@ptglab.com

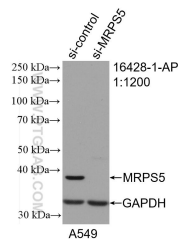
W: ptgcn.com

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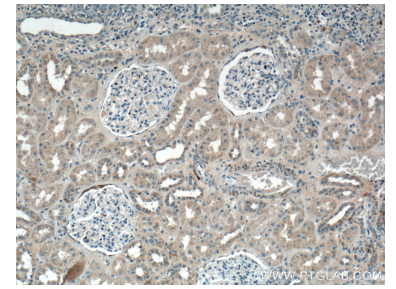
## Selected Validation Data



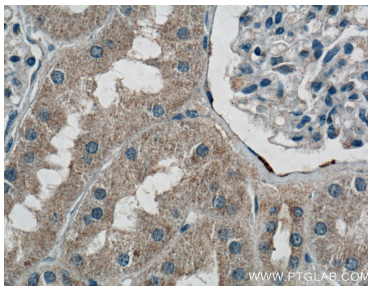
HEK-293 cells were subjected to SDS PAGE followed by western blot with 16428-1-AP (MRPS5 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



WB result of MRPS5 antibody (16428-1-AP; 1:1200; incubated at room temperature for 1.5 hours) with sh-Control and sh-MRPS5 transfected HeLa cells.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 16428-1-AP (MRPS5 antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 16428-1-AP (MRPS5 antibody) at dilution of 1:200 (under 40x lens).