

For Research Use Only

# MITD1 Polyclonal antibody

Catalog Number: 17264-1-AP

Featured Product

4 Publications



## Basic Information

**Catalog Number:**

17264-1-AP

**Size:**

700 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG10998

**GenBank Accession Number:**

BC018453

**GeneID (NCBI):**

129531

**UNIPROT ID:**

Q8WV92

**Full Name:**

MIT, microtubule interacting and transport, domain containing 1

**Calculated MW:**

249 aa, 29 kDa

**Observed MW:**

29 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:1000-1:5000

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

IHC 1:50-1:500

## Applications

**Tested Applications:**

IHC, IP, WB, ELISA

**Cited Applications:**

WB, IP, IF, IHC

**Species Specificity:**

human, mouse, rat

**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:** HeLa cells, HepG2 cells, Jurkat cells, MOLT-4 cells, mouse kidney tissue, rat kidney tissue, rat brain tissue

**IP:** HeLa cells,

**IHC:** human kidney tissue, human liver tissue

## Background Information

### Notable Publications

| Author               | Pubmed ID | Journal                  | Application |
|----------------------|-----------|--------------------------|-------------|
| Shiqiang Dong        | 36291174  | Cells                    | WB,IHC      |
| Yapeng Wang          | 36732658  | Oncogene                 | WB,IHC,IP   |
| Hadders Michael A MA | 23045692  | Proc Natl Acad Sci U S A | 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

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

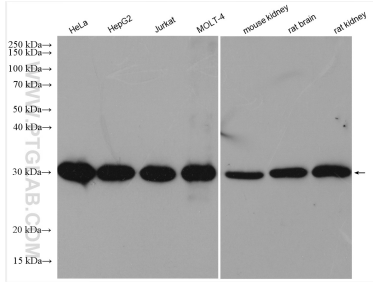
T: 4006900926

E: Proteintech-CN@ptglab.com

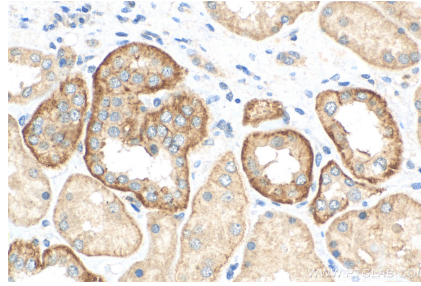
W: ptgcn.com

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

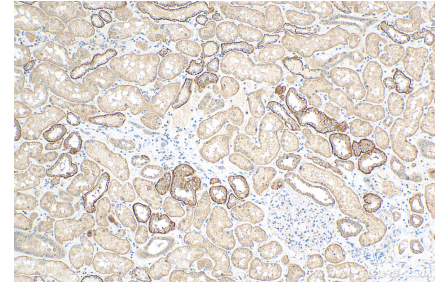
## Selected Validation Data



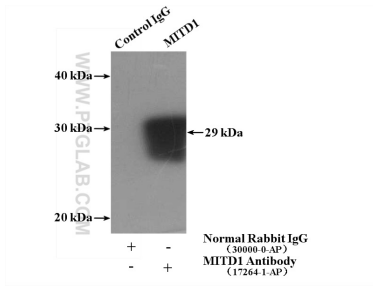
Various lysates were subjected to SDS PAGE followed by western blot with 17264-1-AP (MITD1 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



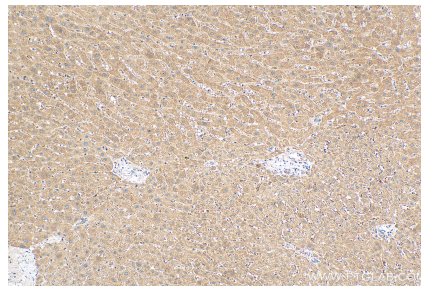
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 17264-1-AP (MITD1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 17264-1-AP (MITD1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-MITD1 (IP:17264-1-AP, 4 $\mu$ g; Detection:17264-1-AP 1:500) with HeLa cells lysate 1080 $\mu$ g.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 17264-1-AP (MITD1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).