

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 ug/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 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF/ICC 1:400-1:1600

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, IHC, IF, IP

### Species Specificity:

human, mouse, rat

### Cited Species:

human

### 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

IF/ICC : A549 cells,

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## 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:

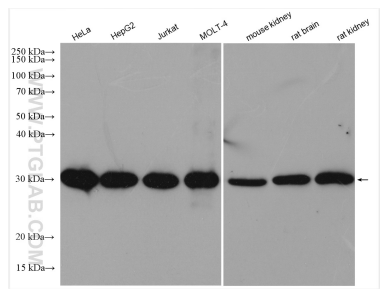
T: 4006900926

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

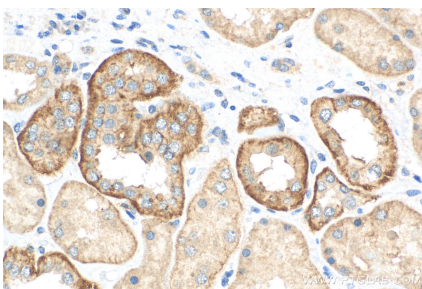
W: [ptgcn.com](http://ptgcn.com)

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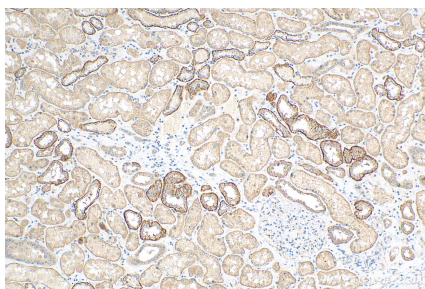
Selected Validation Data



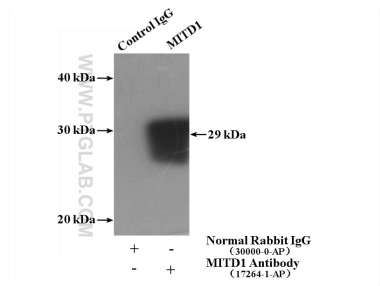
Various lysates were subjected to SDS PAGE followed by western blot with 17264-1-AP (MITD1 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



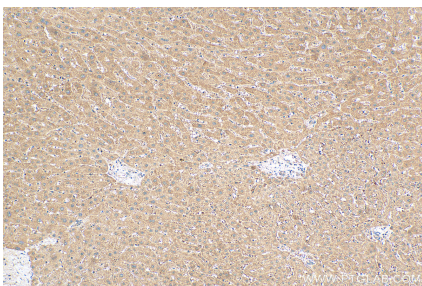
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 17264-1-AP (MITD1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



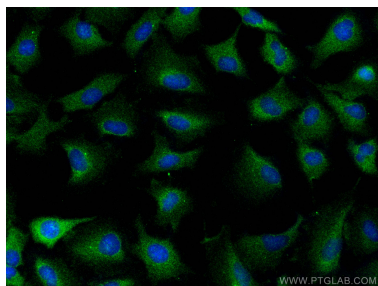
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 17264-1-AP (MITD1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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



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).



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using MITD1 antibody (17264-1-AP) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).