

For Research Use Only

MITD1 Polyclonal antibody

Catalog Number: 17264-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number: 17264-1-AP	GenBank Accession Number: BC018453	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 300 µg/ml by Nanodrop and 260 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 129531	Recommended Dilutions: WB 1:1000-1:5000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: MIT, microtubule interacting and transport, domain containing 1	IHC 1:50-1:500
Isotype: IgG	Calculated MW: 249 aa, 29 kDa	
Immunogen Catalog Number: AG10998	Observed MW: 29 kDa	

Applications

Tested Applications: IHC, IP, WB, ELISA	Positive Controls:
Cited Applications: IF, IHC, IP, WB	WB: HeLa cells, HepG2 cells, Jurkat cells, MOLT-4 cells, mouse kidney tissue, rat kidney tissue, rat brain tissue
Species Specificity: human, mouse, rat	IP: HeLa cells,
Cited Species: human	IHC: human kidney tissue, human liver tissue

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

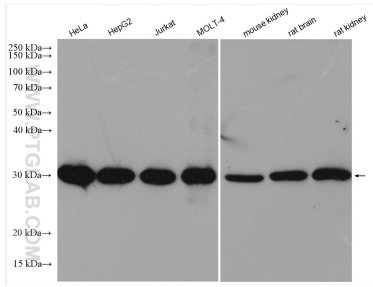
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

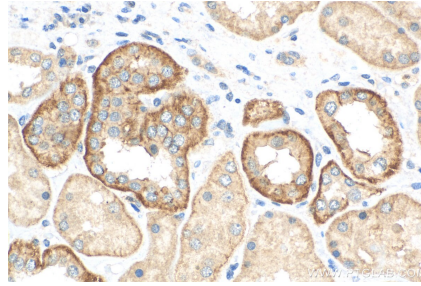
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

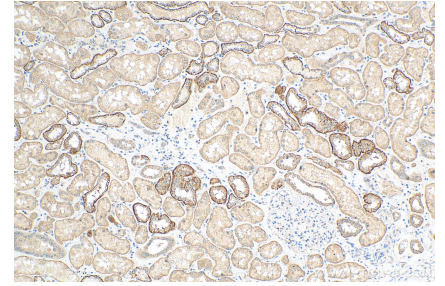
Selected Validation Data



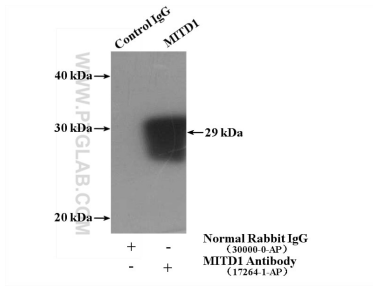
Various lysates were subjected to SDS PAGE followed by western blot with 17264-1-AP (MITD1 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



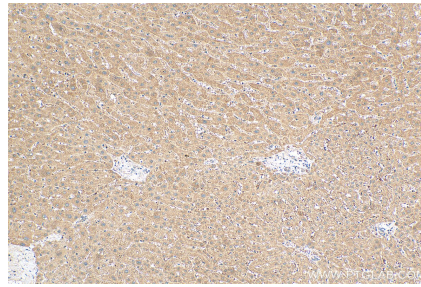
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 17264-1-AP (MITD1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).