

For Research Use Only

# MTCH2 Polyclonal antibody

Catalog Number: 16888-1-AP

Featured Product

19 Publications



## Basic Information

### Catalog Number:

16888-1-AP

### Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG10399

### GenBank Accession Number:

BC000875

### GeneID (NCBI):

23788

### UNIPROT ID:

Q9Y6C9

### Full Name:

mitochondrial carrier homolog 2 (C. elegans)

### Calculated MW:

303 aa, 33 kDa

### Observed MW:

33 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:2000-1:14000

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

IHC 1:50-1:500

IF-P 1:50-1:500

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IF-P, IP, ELISA

### Cited Applications:

WB, IHC, IF, CoIP

### Species Specificity:

human, rat

### Cited Species:

human, mouse, pig

**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

IP : HepG2 cells,

IHC : human liver tissue,

IF-P : rat testis tissue,

IF/ICC : U-251 cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Katherine Labbé	34586346	J Cell Biol	WB,IF
Qin Jiang	30339471	FASEB J	WB
Mari J Aaltonen	34785538	Life Sci Alliance	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

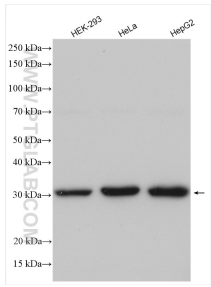
For technical support and original validation data for this product please contact:

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

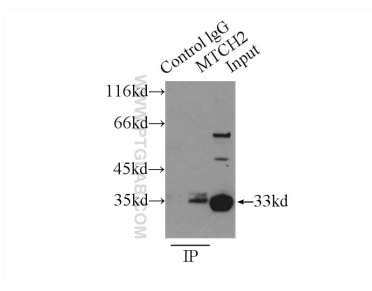
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

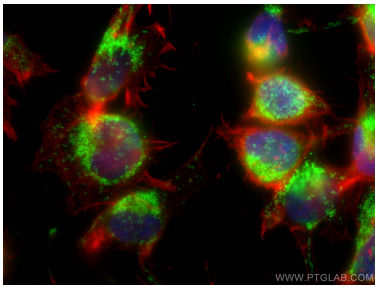
Selected Validation Data



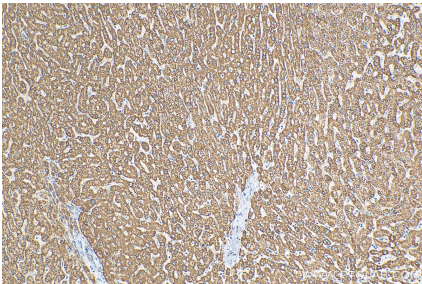
Various lysates were subjected to SDS PAGE followed by western blot with 16888-1-AP (MTCH2 antibody) at dilution of 1:7000 incubated at room temperature for 1.5 hours.



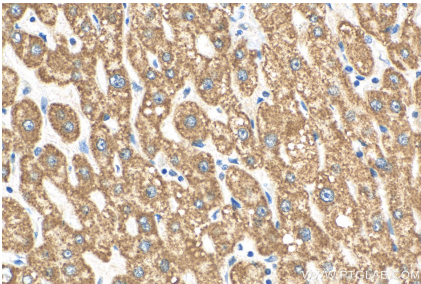
IP result of anti-MTCH2 (IP:16888-1-AP, 3ug; Detection:16888-1-AP 1:1000) with HepG2 cells lysate 4000ug.



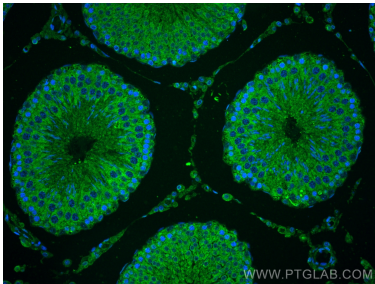
Immunofluorescent analysis of (4% PFA) fixed U-251 cells using MTCH2 antibody (16888-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



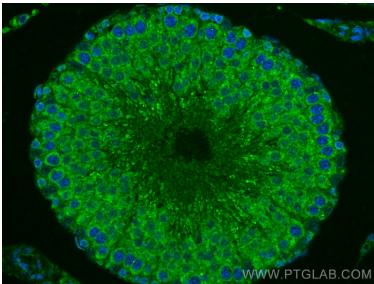
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 16888-1-AP (MTCH2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 16888-1-AP (MTCH2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed rat testis tissue using MTCH2 antibody (16888-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed rat testis tissue using MTCH2 antibody (16888-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).