

For Research Use Only

# MTR Polyclonal antibody

Catalog Number: 25896-1-AP

13 Publications



## Basic Information

Catalog Number:

25896-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG23156

GenBank Accession Number:

BC130616

GeneID (NCBI):

4548

UNIPROT ID:

Q99707

Full Name:

5-methyltetrahydrofolate-  
homocysteine methyltransferase

Observed MW:

140 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:20-1:200

IF/ICC 1:20-1:200

## Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse

Cited Species:

human, mouse

**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: A375 cells, mouse pancreas tissue

IHC: human pancreas tissue, human heart tissue

IF/ICC: A375 cells,

## Background Information

### Notable Publications

| Author                  | Pubmed ID | Journal      | Application |
|-------------------------|-----------|--------------|-------------|
| Li Cui                  | 34533844  | J Pineal Res | WB          |
| Jiajun Zhu              | 31607565  | Cell Metab   |             |
| Jonathan M Ghergurovich | 34799699  | Nat Metab    | 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:

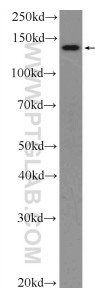
T: 4006900926

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

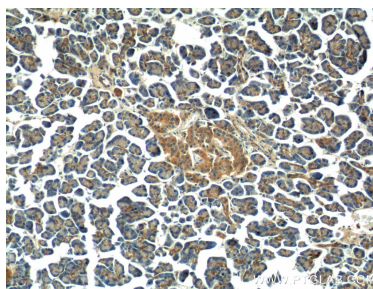
W: [ptgcn.com](http://ptgcn.com)

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

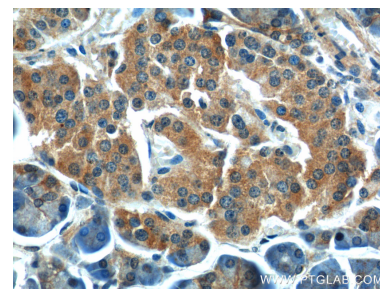
## Selected Validation Data



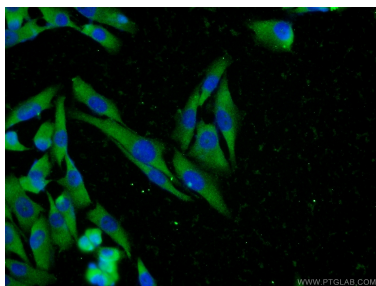
A375 cells were subjected to SDS PAGE followed by western blot with 25896-1-AP (MTR Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 25896-1-AP (MTR Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 25896-1-AP (MTR Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of A375 cells using 25896-1-AP (MTR antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).