

For Research Use Only

MTFR1 Polyclonal antibody

Catalog Number: 17778-1-AP



Basic Information

Catalog Number:

17778-1-AP

Size:

750 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10857

GenBank Accession Number:

BC036116

GeneID (NCBI):

9650

UNIPROT ID:

Q15390

Full Name:

mitochondrial fission regulator 1

Calculated MW:

333 aa, 37 kDa

Observed MW:

37 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

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

Applications

Tested Applications:

IP, WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : A549 cells, HCT 116 cells, HepG2 cells, SW480 cells

IP : mouse testis tissue,

Background Information

MTFR1, also known as CHPPR, is a mitochondria protein. It may play a role in mitochondrial aerobic respiration. It may also regulate mitochondrial organization and fission.

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:

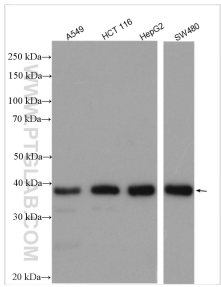
T: 4006900926

E: Proteintech-CN@ptglab.com

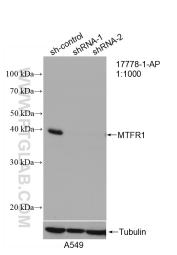
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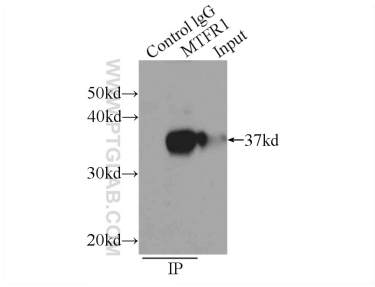
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17778-1-AP (MTFR1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



WB result of MTFR1 antibody (17778-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-MTFR1 transfected A549 cells.



IP result of anti-MTFR1 (IP:17778-1-AP, 4ug; Detection:17778-1-AP 1:800) with mouse testis tissue lysate 4800ug.