

For Research Use Only

MTHFS Polyclonal antibody

Catalog Number: 13114-1-AP



Basic Information

Catalog Number:

13114-1-AP

Size:

240 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3781

GenBank Accession Number:

BC019921

GeneID (NCBI):

10588

UNIPROT ID:

P49914

Full Name:

5,10-methenyltetrahydrofolate synthetase (5-formyltetrahydrofolate cyclo-ligase)

Calculated MW:

203 aa, 23 kDa

Observed MW:

23 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 1:20-1:200

Applications

Tested Applications:

WB, IHC, IP, ELISA

Species Specificity:

human, mouse, rat

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 : HeLa cells, human liver tissue, Jurkat cells, human stomach tissue, U-937 cells, L02 cells

IP : HeLa cells,

IHC : human liver cancer tissue,

Background Information

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:

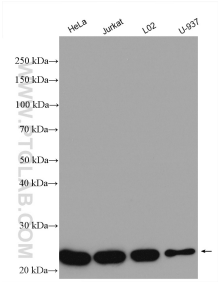
T: 4006900926

E: Proteintech-CN@ptglab.com

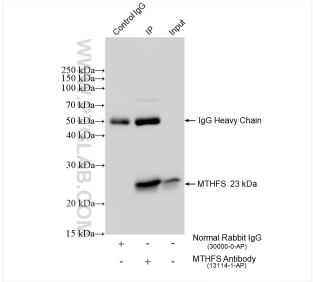
W: ptgcn.com

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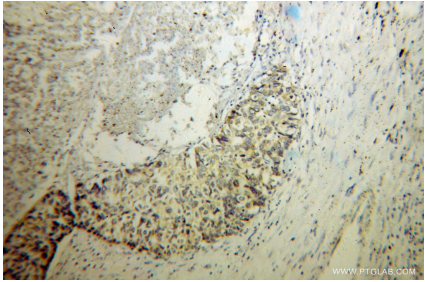
Selected Validation Data



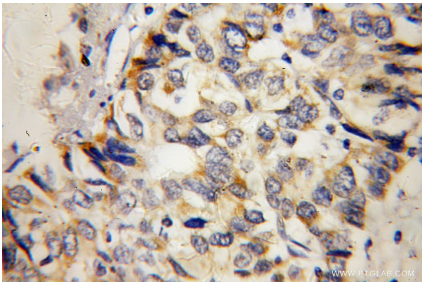
Various lysates were subjected to SDS PAGE followed by western blot with 13114-1-AP (MTHFS antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



IP result of anti-MTHFS (IP:13114-1-AP, 4ug; Detection:13114-1-AP 1:2000) with HeLa cells lysate 1200 ug.



Immunohistochemical analysis of paraffin-embedded human liver cancer using 13114-1-AP (MTHFS antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer using 13114-1-AP (MTHFS antibody) at dilution of 1:100 (under 40x lens).