For Research Use Only

MTHFS Polyclonal antibody

Catalog Number:13114-1-AP

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
13114-1-AP

Size:
240 μg/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
IHC 1:20-1:200

Applications

Tested Applications:
IHC, WB, 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

IHC : human liver cancer tissue,

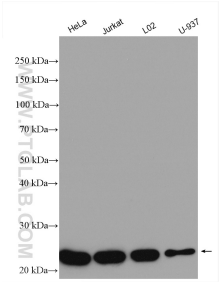
Background Information

Storage

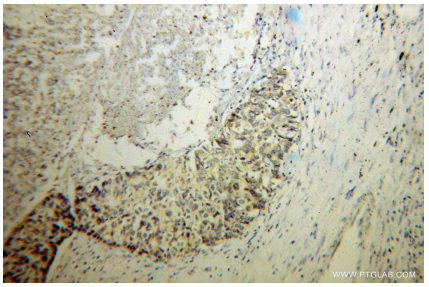
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

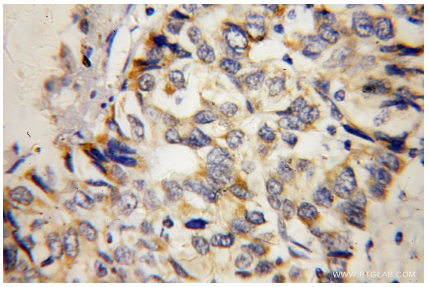
Selected Validation Data



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.



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).