

For Research Use Only

MTHFSD Polyclonal antibody

Catalog Number: 32122-1-AP



Basic Information

Catalog Number:

32122-1-AP

Size:

750 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG37100

GenBank Accession Number:

BC112059

GeneID (NCBI):

64779

UNIPROT ID:

Q2M296

Full Name:

methenyltetrahydrofolate synthetase domain containing

Observed MW:

45 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : A549 cells, HaCaT cells, MCF-7 cells

Background Information

MTHFSD is an RNA-binding protein that contains a methyltetrahydrofolate synthase structural domain and an RRM structural domain. In healthy motor neurons, MTHFSD is predominantly located in the nucleus, and studies have shown that MTHFSD, as a novel marker of stress granules, may be associated with aggregated proteins involved in amyotrophic lateral sclerosis (ALS).

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:

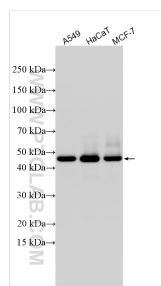
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32122-1-AP (MTHFSD antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.