

For Research Use Only

TRMT10C Recombinant antibody, PBS Only

Catalog Number: 84991-4-PBS



Basic Information

Catalog Number:

84991-4-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG30642

GenBank Accession Number:

NM_017819

GeneID (NCBI):

54931

UNIPROT ID:

Q7L0Y3

Full Name:

RNA (guanine-9-) methyltransferase domain containing 1

Calculated MW:

47 kDa

Observed MW:

45 kDa

Purification Method:

Protein A purification

CloneNo.:

242522B5

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, rat

Background Information

tRNA methyltransferase 10 homolog C (TRMT10C, also known as MRPP1) is involved in mitochondrial RNA processing and modification (PMID: 21593607). It is essential for the 5'-ends processing of mitochondrial tRNAs and plays a critical role in mitochondrial respiration and translation (PMID: 18984158; 29040705). Mutations in TRMT10C may be a cause of mitochondrial disease and highlight the importance of RNA processing for correct mitochondrial function (PMID: 27132592).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

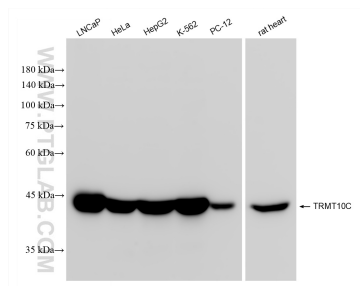
T: 4006900926

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 84991-4-RR (TRMT10C antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84991-4-PBS in a different storage buffer formulation.