

For Research Use Only

TRMT1L/C1orf25 Polyclonal antibody

Catalog Number: 33811-1-AP



Basic Information

Catalog Number:

33811-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36582

GenBank Accession Number:

BC045535

GeneID (NCBI):

81627

UNIPROT ID:

Q7Z2T5

Full Name:

chromosome 1 open reading frame 25

Observed MW:

81 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse brain tissue, mouse cerebellum tissue, rat brain tissue, rat cerebellum tissue

Background Information

TRMT1L (tRNA methyltransferase 1-like), formerly known as C1orf25, is a vertebrate paralog of the evolutionarily conserved TRMT1 (tRNA methyltransferase 1). Knockout of TRMT1L in mice resulted in significant motor coordination impairment and abnormal exploratory behavior, indicating that its activity is also related to neural function (PMID: 17198746). Human TRMT1L catalyzes m2 and 2G in tyrosine tRNAs and simultaneously regulates acp3U in tRNAs (PMID: 39786990).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

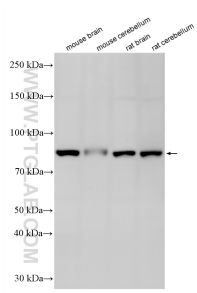
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33811-1-AP (TRMT1L/C1orf25 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.