

For Research Use Only

TRMT1L/C1orf25 Polyclonal antibody, PBS Only

Catalog Number:33811-1-PBS



Basic Information

Catalog Number:

33811-1-PBS

Size:

100ug , Concentration: 1 mg/ml by
Nanodrop;

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

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

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 -80°C.

Storage Buffer:

PBS only, pH7.3

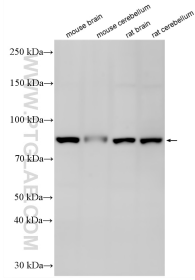
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33811-1-AP (TRMT1L/C1orf25 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 33811-1-PBS in a different storage buffer formulation.