

For Research Use Only

TRMT1L/C1orf25 Polyclonal antibody

Catalog Number:33811-1-AP



Basic Information

Catalog Number: 33811-1-AP	GenBank Accession Number: BC045535	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 280 ug/ml by Nanodrop;	GeneID (NCBI): 81627	Recommended Dilutions: WB: 1:1000-1:4000
Source: Rabbit	UNIPROT ID: Q7Z2T5	
Isotype: IgG	Full Name: chromosome 1 open reading frame 25	
Immunogen Catalog Number: AG36582	Observed MW: 81 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse brain tissue, mouse cerebellum tissue, rat brain tissue, rat cerebellum tissue
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 -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

*** 20ul sizes contain 0.1% BSA

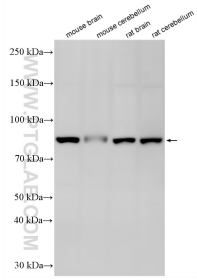
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Selected Validation Data



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.