



TRMT10A mouse mAb

Catalog No	YP-mAb-17739
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	TRMT10A RG9MTD2
Protein Name	tRNA methyltransferase 10 homolog A (EC 2.1.1.-) (RNA (guanine-9-)-methyltransferase domain-containing protein 2)
Immunogen	Synthesized peptide derived from human TRMT10A
Specificity	This antibody detects endogenous levels of TRMT10A at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	37kD
Cell Pathway	Nucleus . Nucleus, nucleolus .
Tissue Specificity	Expressed in embryonic and fetal brain. It is expressed throughout the dorsal telencephalon at 8 and 11 weeks of gestation, with highest expression in ventricular zone and marginal zone. Detected in cerebellar cortex and nuclei, but not in dorsal telencephalon, at later stages.
Function	S-adenosyl-L-methionine-dependent guanine N(1)-methyltransferase that catalyzes the formation of N(1)-methylguanine at position 9 (m1G9) in tRNAs . Probably not able to catalyze formation of N(1)-methyladenine at position 9 (m1A9) in tRNAs .
Background	
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



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