TRMT10C rabbit pAb

□□	YP-Ab-17794
□□□	IgG
□□	Human;Mouse;Rat
□□	WB
□□	TRMT10C
□□□□	TRMT10C MRPP1 RG9MTD1
□□□	Synthesized peptide derived from human TRMT10C
□□□	This antibody detects endogenous levels of TRMT10C at Human, Mouse,Rat
□□	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
□□	Polyclonal, Rabbit,IgG
□□	WB 1:500-2000
□□□□	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
□□□	47 kDa
□□	Mitochondrial tRNA N(1)-methyltransferase involved in mitochondrial tRNA maturation . Component of mitochondrial ribonuclease P, a complex composed of TRMT10C/MRPP1, HSD17B10/MRPP2 and PRORP/MRPP3, which cleaves tRNA molecules in their 5'-ends . Together with HSD17B10/MRPP2, forms a subcomplex of the mitochondrial ribonuclease P, named MRPP1-MRPP2 subcomplex, which displays functions that are independent of the ribonuclease P activity . The MRPP1-MRPP2 subcomplex catalyzes the formation of N(1)-methylguanine and N(1)-methyladenine at position 9 (m1G9 and m1A9, respectively) in tRNAs; TRMT10C/MRPP1 acting as the catalytic N(1)-methyltransferase subunit . The MRPP1-MRPP2 subcomplex also acts as a tRNA maturation platform: following 5'-end cleavage by the mitochondrial ribonuclease P complex, the MRPP1-MRPP2 subcomplex enhances the efficiency of 3'-processing catalyzed by ELAC2, retains th
□□□□	Mitochondrion matrix, mitochondrion nucleoid .
□□	1 mg/ml
□□	-15°C to -25°C/1 year(Do not lower than -25°C)
□□□□□□	Avoid repeated freezing and thawing!
□□□□	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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