

KD-Validated Anti-TRNA Methyltransferase 2 Homolog Rabbit Monoclonal Antibody

Rabbit monoclonal antibody
Catalog # AGI1296

Product Information

Application	WB, FC, ICC
Primary Accession	Q8IZ69
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	25GB2785
Calculated MW	68726
Gene Name	TRMT2A
Aliases	TRMT2A; TRNA Methyltransferase 2 Homolog ; HTF9; TRNA (Uracil-5-)-Methyltransferase Homolog A; MRNA (Uracil-5-)-Methyltransferase TRMT2A; TRNA Methyltransferase 2 Homolog A (S. Cerevisiae); TRM2 TRNA Methyltransferase 2 Homolog A; HpaII Tiny Fragments Locus 9c Protein; HpaII Tiny Fragments Locus 9C; EC 2.1.1.35; EC 2.1.1.-
Immunogen	A synthesized peptide derived from human HTF9C

Additional Information

Gene ID	27037
Other Names	tRNA (uracil-5-)-methyltransferase homolog A, 2.1.1.35, mRNA (uracil-5-)-methyltransferase TRMT2A, 2.1.1.-, TRMT2A {ECO:0000303 PubMed:31361898, ECO:0000312 HGNC:HGNC:24974}

Protein Information

Name	TRMT2A {ECO:0000303 PubMed:31361898, ECO:0000312 HGNC:HGNC:24974}
Function	S-adenosyl-L-methionine-dependent methyltransferase that catalyzes the formation of 5-methyl-uridine in tRNAs and some mRNAs (PubMed: 31361898 , PubMed: 33799331 , PubMed: 34556860). Mainly catalyzes the methylation of uridine at position 54 (m5U54) in cytosolic tRNAs (PubMed: 31361898 , PubMed: 33799331). Also able to mediate the formation of 5-methyl-uridine in some mRNAs (PubMed: 34123281).
Cellular Location	Cytoplasm, cytosol.