

HTF9C/TRMT2A Rabbit mAb

Catalog # AP74858

Product Information

Application	WB, IHC-P, IHC-F
Primary Accession	Q8IZ69
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	68726

Additional Information

Gene ID	27037
Other Names	TRMT2A
Dilution	WB~~1:1000-1:5000 IHC-P~~N/A IHC-F~~N/A
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

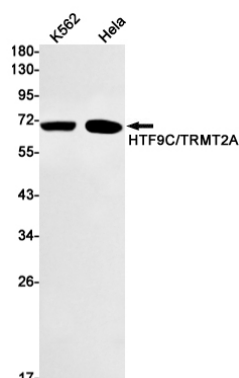
Name	TRMT2A {ECO:0000303 PubMed:31361898, ECO:0000312 HGNC:HGNC:24974}
Function	S-adenosyl-L-methionine-dependent methyltransferase that catalyzes the formation of 5-methyl-uridine in tRNAs and some mRNAs (PubMed: 31361898 , PubMed: 33799331 , PubMed: 34556860). Mainly catalyzes the methylation of uridine 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.

Background

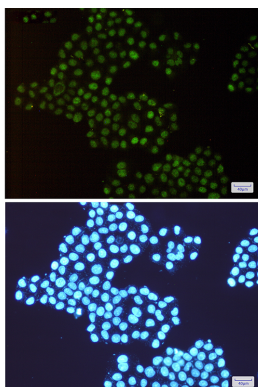
S-adenosyl-L-methionine-dependent methyltransferase that catalyzes the formation of 5-methyl-uridine in

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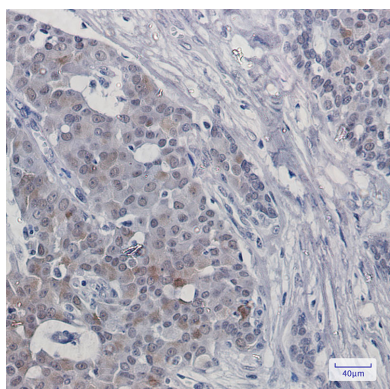
Images



Western blot analysis of HTF9C/TRMT2A in K562, HeLa lysates using TRMT2A antibody.



Immunocytochemistry analysis of HTF9C/TRMT2A(green) in HeLa using HTF9C/TRMT2A antibody, and DAPI(blue)



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using HTF9C antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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