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RG9MTD2 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17846C

Specification

RG9MTD2 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q8TBZ6
Other Accession	NP_001128137.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**39719**
Antigen Region	**199-225**

RG9MTD2 Antibody (Center) - Additional Information

Gene ID 93587

Other Names
tRNA methyltransferase 10 homolog A, 211-, RNA (guanine-9-)-methyltransferase domain-containing protein 2, TRMT10A, RG9MTD2

Target/Specificity
This RG9MTD2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 199-225 amino acids from the Central region of human RG9MTD2.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
RG9MTD2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

RG9MTD2 Antibody (Center) - Protein Information

Name TRMT10A

Synonyms RG9MTD2

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Function S-adenosyl-L-methionine-dependent guanine N(1)- methyltransferase that catalyzes the formation of N(1)-methylguanine at position 9 (m1G9) in tRNAs (PubMed:23042678, PubMed:25053765). Probably not able to catalyze formation of N(1)-methyladenine at position 9 (m1A9) in tRNAs (PubMed:23042678).

Cellular Location
Nucleus. Nucleus, nucleolus

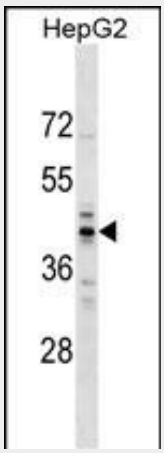
Tissue Location
Expressed in embryonic and fetal brain. It is expressed throughout the dorsal telencephalon at 8 and 11 weeks of gestation, with highest expression in ventricular zone and marginal zone. Detected in cerebellar cortex and nuclei, but not in dorsal telencephalon, at later stages.

RG9MTD2 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

RG9MTD2 Antibody (Center) - Images



RG9MTD2 Antibody (Center) (Cat. #AP17846c) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the RG9MTD2 antibody detected the RG9MTD2 protein (arrow).

RG9MTD2 Antibody (Center) - Background

Probable RNA methyltransferase (By similarity).