

TRMT6 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI14001

Product Information

Application	WB
Primary Accession	Q9UJA5
Other Accession	NM_015939 , NP_057023
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	55799

Additional Information

Gene ID	51605
Alias Symbol	CGI-09, GCD10, Gcd10p, MGC5029
Other Names	tRNA (adenine(58)-N(1))-methyltransferase non-catalytic subunit TRM6, tRNA(m1A58)-methyltransferase subunit TRM6, tRNA(m1A58)MTase subunit TRM6, TRMT6, KIAA1153, TRM6
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-TRMT6 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	TRMT6 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TRMT6
Synonyms	KIAA1153, TRM6
Function	Substrate-binding subunit of tRNA (adenine-N(1))- methyltransferase, which catalyzes the formation of N(1)-methyladenine at position 58 (m1A58) in initiator methionyl-tRNA (PubMed: 16043508). Together with the TRMT61A catalytic subunit, part of a mRNA N(1)- methyltransferase complex that mediates methylation of adenosine residues at the N(1) position of a small subset of mRNAs: N(1) methylation takes place in tRNA T-loop-like structures of mRNAs and is only present at low stoichiometries (PubMed: 29072297 ,

PubMed:[29107537](#)).

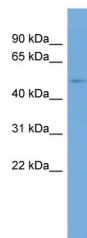
Cellular Location Nucleus {ECO:0000250|UniProtKB:P41814}.

Tissue Location Expressed in brain, liver, testis and ovary.

References

Hirosawa M.,et al.DNA Res. 6:329-336(1999).
Lai C.-H.,et al.Genome Res. 10:703-713(2000).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Deloukas P.,et al.Nature 414:865-871(2001).
Ozanick S.,et al.RNA 11:1281-1290(2005).

Images



WB Suggested Anti-TRMT6 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: PANC1 cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.