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TRMT6 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI14001

Specification

TRMT6 antibody - middle region - Product Information

Application	**WB**
Primary Accession	Q9UJA5
Other Accession	NM_015939, NP_057023
Reactivity	**Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rat, Rabbit, Pig, Horse, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**56kDa KDa**

TRMT6 antibody - middle region - 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.

TRMT6 antibody - middle region - 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:29107537, PubMed:29072297).

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

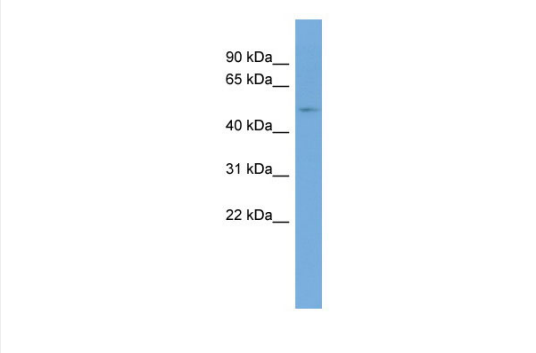
Tissue Location
Expressed in brain, liver, testis and ovary.

TRMT6 antibody - middle region - 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

TRMT6 antibody - middle region - Images



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

TRMT6 antibody - middle region - 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).