

C14orf172 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI12977

Product Information

Application	WB
Primary Accession	Q96FX7
Other Accession	NM_152307 , NP_689520
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Zebrafish, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31382

Additional Information

Gene ID	115708
Alias Symbol	FLJ40452, GCD14, Gcd14p, TRM61, hTRM61, C14orf172
Other Names	tRNA (adenine(58)-N(1))-methyltransferase catalytic subunit TRMT61A, 2.1.1.220, tRNA(m1A58)-methyltransferase subunit TRMT61A, tRNA(m1A58)MTase subunit TRMT61A, TRMT61A, C14orf172, TRM61
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-C14orf172 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	C14orf172 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TRMT61A
Synonyms	C14orf172, TRM61
Function	Catalytic 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). Catalytic subunit of mRNA N(1)-methyltransferase complex, which 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).

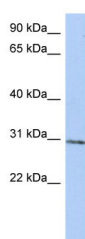
Cellular Location

Nucleus {ECO:0000250|UniProtKB:P46959}.

References

Heilig R.,et al.Nature 421:601-607(2003).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Ozanick S.,et al.RNA 11:1281-1290(2005).
Mayya V.,et al.Sci. Signal. 2:RA46-RA46(2009).
Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).

Images



WB Suggested Anti-C14orf172 Antibody Titration: 0.2-1
µg/ml
ELISA Titer: 1:1562500
Positive Control: SH-SY5Y cell lysate

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