

C14orf172 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12977**Specification**

C14orf172 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q96FX7
Other Accession	NM_152307 , NP_689520
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted Host	Human, Mouse, Rat, Bovine, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 31kDa KDa

C14orf172 antibody - N-terminal region - 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.

C14orf172 antibody - N-terminal region - 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).

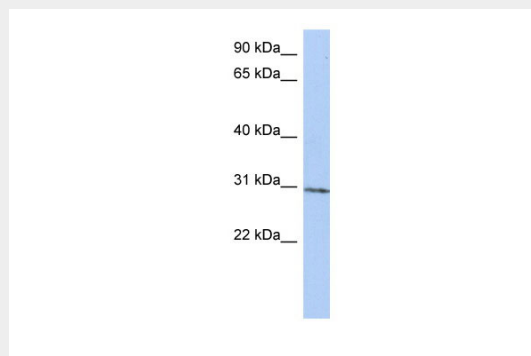
Cellular Location

Nucleus {ECO:0000250|UniProtKB:P46959}.

C14orf172 antibody - N-terminal 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 Cytometry](#)
- [Cell Culture](#)

C14orf172 antibody - N-terminal region - Images

WB Suggested Anti-C14orf172 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:1562500

Positive Control: SH-SY5Y cell lysate

C14orf172 antibody - N-terminal region - 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).