

TRMT61A Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21425a**Specification**

TRMT61A Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q96FX7
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	31382

TRMT61A Antibody (N-term) - Additional Information**Gene ID** 115708**Other Names**

tRNA (adenine(58)-N(1))-methyltransferase catalytic subunit TRMT61A,
tRNA(m1A58)-methyltransferase subunit TRMT61A, tRNA(m1A58)MTase subunit TRMT61A,
TRMT61A, C14orf172, TRM61

Target/Specificity

This TRMT61A antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 45-80 amino acids from the N-terminal region of human TRMT61A.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

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

TRMT61A Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TRMT61A Antibody (N-term) - 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

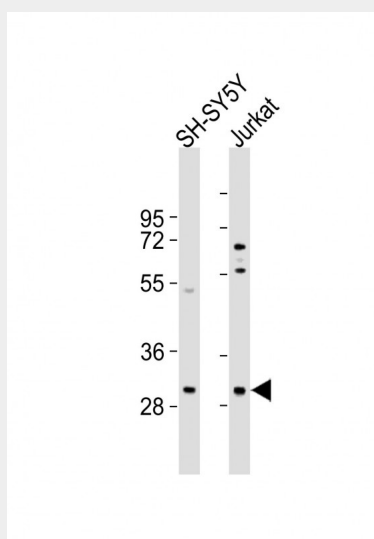
Nucleus {ECO:0000250|UniProtKB:P46959}.

TRMT61A Antibody (N-term) - 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](#)

TRMT61A Antibody (N-term) - Images



All lanes : Anti-TRMT61A Antibody (N-term) at 1:1000 dilution Lane 1: SH-SY5Y whole cell lysates Lane 2: Jurkat whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 31 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

TRMT61A Antibody (N-term) - Background

Catalytic subunit of tRNA (adenine-N(1)-)- methyltransferase, which catalyzes the formation of N(1)- methyladenine at position 58 (m1A58) in initiator methionyl-tRNA.

TRMT61A Antibody (N-term) - 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).