

TRMO Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP6938b**Specification**

TRMO Antibody (C-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	Q9BU70
Other Accession	Q4V7E0 , Q562D6
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	365-391

TRMO Antibody (C-term) - Additional Information**Gene ID** 51531**Other Names**

Nef-associated protein 1, 312-, Thioesterase NAP1, C9orf156, NAP1

Target/Specificity

This TRMO antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 365-391 amino acids from the C-terminal region of human TRMO.

Dilution

WB~~1:1000

IHC-P~~1:50~100

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

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

TRMO Antibody (C-term) - Protein Information**Name** TRMO {ECO:0000303|PubMed:25063302, ECO:0000312|HGNC:HGNC:30967}**Function** S-adenosyl-L-methionine-dependent methyltransferase responsible for the addition of

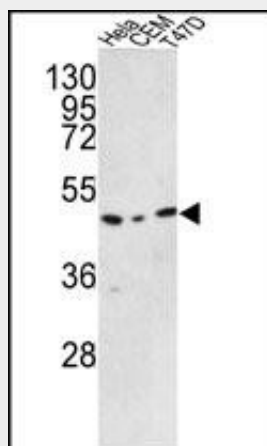
the methyl group in the formation of N6-methyl-N6-threonylcarbamoyladenine at position 37 (m(6)t(6)A37) of the tRNA anticodon loop of tRNA(Ser)(GCU) (PubMed:[25063302](#)). The methyl group of m(6)t(6)A37 may improve the efficiency of the tRNA decoding ability (By similarity).

TRMO Antibody (C-term) - Protocols

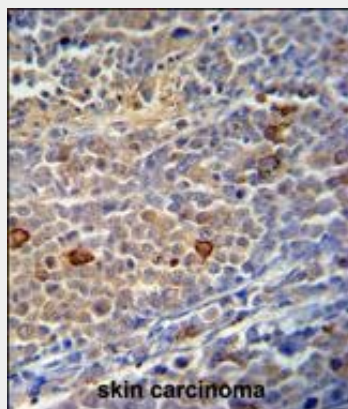
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TRMO Antibody (C-term) - Images



Western blot analysis of TRMO Antibody (C-term) (Cat. #AP6938b) in Hela, CEM, T47D cell line lysates (35ug/lane). TRMO (arrow) was detected using the purified Pab.



TRMO Antibody (C-term) (Cat. #AP6938b) immunohistochemistry analysis in formalin fixed and paraffin embedded human skin carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TRMO Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

TRMO Antibody (C-term) - Background

C9orf156 hydrolyzes acyl-CoA thioesters (in vitro). It has a preference for substrates with medium chain length (C10-C14). Inactive towards substrates with C18 or C20 aliphatic chains. Its physiological function is not known.

TRMO Antibody (C-term) - References

Moreno,L.M., et.al., Hum. Mol. Genet. 18 (24), 4879-4896 (2009)