

TRMT2A Antibody (clone 1G8)
Mouse Monoclonal Antibody
Catalog # ALS15975**Specification**

TRMT2A Antibody (clone 1G8) - Product Information

Application	WB
Primary Accession	O8IZ69
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	69kDa KDa

TRMT2A Antibody (clone 1G8) - Additional Information**Gene ID** 27037**Other Names**

tRNA (uracil-5-)-methyltransferase homolog A, 2.1.1.-, HpaII tiny fragments locus 9c protein, TRMT2A, HTF9C

Target/Specificity

Human TRMT2A

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

TRMT2A Antibody (clone 1G8) is for research use only and not for use in diagnostic or therapeutic procedures.

TRMT2A Antibody (clone 1G8) - Protein Information**Name** TRMT2A {ECO:0000303|PubMed:31361898, ECO:0000312|HGNC:HGNC:24974}**Function**

S-adenosyl-L-methionine-dependent methyltransferase that catalyzes the formation of 5-methyl-uridine in tRNAs and some mRNAs (PubMed:31361898, PubMed:33799331, PubMed:34556860). Mainly catalyzes the methylation of uridine at position 54 (m5U54) in cytosolic tRNAs (PubMed:31361898, PubMed:33799331). Also able to mediate the formation of 5-methyl-uridine in some mRNAs (PubMed:34123281).

Cellular Location

Cytoplasm, cytosol.

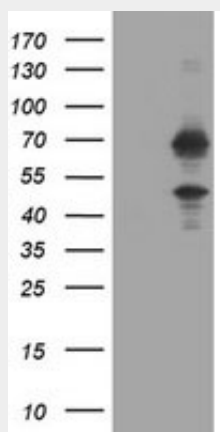
Volume

50 μ l

TRMT2A Antibody (clone 1G8) - 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](#)

TRMT2A Antibody (clone 1G8) - Images

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TRMT2A...

TRMT2A Antibody (clone 1G8) - Background

May be involved in nucleic acid metabolism and/or modifications.

TRMT2A Antibody (clone 1G8) - References

- Collins J.E., et al. *Genome Biol.* 5:R84.1-R84.11(2004).
Ota T., et al. *Nat. Genet.* 36:40-45(2004).
Dunham I., et al. *Nature* 402:489-495(1999).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Dephoure N., et al. *Proc. Natl. Acad. Sci. U.S.A.* 105:10762-10767(2008).