

**DATASHEET**

**TRMT2A Rabbit Polyclonal Antibody**

CAT. NO. APA14506

**KEY FEATURES**

Target	TRMT2A	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Polyclonal
Applications	WB, IHC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

**BACKGROUND**

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

**APPLICATION**

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IHC	1:50 - 1:200

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

Description	Rabbit polyclonal antibody to TRMT2A
Specificity	Recognizes endogenous levels of TRMT2A protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human TRMT2A
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 61; Observed: 70 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	HTF9C; tRNA (uracil-5-)-methyltransferase homolog A; HpaII tiny fragments locus 9c protein
Gene Symbol	TRMT2A
Entrez Gene	27037(Human); 15547(Mouse)
SwissProt	Q8IZ69(Human); Q8BNV1(Mouse)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

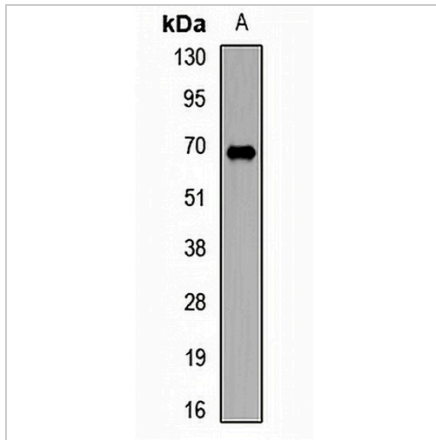
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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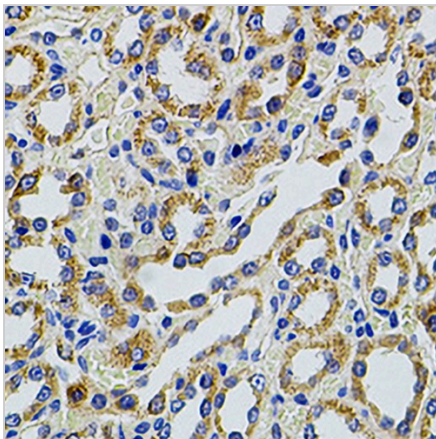
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**DATA**



Western blot analysis of TRMT2A expression in HepG2 (A) whole cell lysates. (Predicted band size: 61; 68 kD; Observed band size: 70 kD)



Immunohistochemical analysis of TRMT2A staining in rat kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.