

DATASHEET

TRMT2B Rabbit Polyclonal Antibody

CAT. NO. APA14293

KEY FEATURES

Target	TRMT2B	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

Mitochondrial S-adenosyl-L-methionine-dependent methyltransferase that catalyzes the formation of 5-methyl-uridine in tRNAs and 12S rRNA . Catalyzes the methylation of uridine at position 54 (m5U54) in all tRNAs . Specifically methylates the uridine in position 429 of 12S rRNA (m5U429) . Does not affect RNA stability or mitochondrial translation .

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

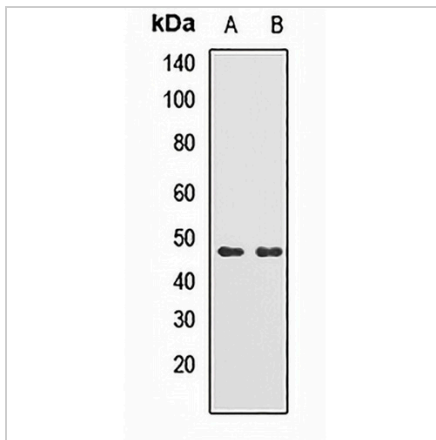
Description	Rabbit polyclonal antibody to TRMT2B
Specificity	Recognizes endogenous levels of TRMT2B protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human TRMT2B
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 51; Observed: 45 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	CXorf34; tRNA (uracil(54)-C(5))-methyltransferase homolog; TRM2 homolog
Gene Symbol	TRMT2B
Entrez Gene	79979(Human)
SwissProt	Q96GJ1(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact 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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DATA

Western blot analysis of TRMT2B expression in SW480 (A), MCF7 (B) whole cell lysates. (Predicted band size: 51; 55; 56 kD; Observed band size: 45 kD)

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.