

## DATASHEET

# TRMT1 Rabbit Polyclonal Antibody

CAT. NO. APA17191

### KEY FEATURES

Target	TRMT1	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Polyclonal
Applications	WB	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

Dimethylates a single guanine residue at position 26 of most nuclear- and mitochondrial-encoded tRNAs using S-adenosyl-L-methionine as donor of the methyl groups. tRNA guanine(26)-dimethylation is required for redox homeostasis and ensure proper cellular proliferation and oxidative stress survival.

### APPLICATION

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

WB	1:500 - 1:1000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

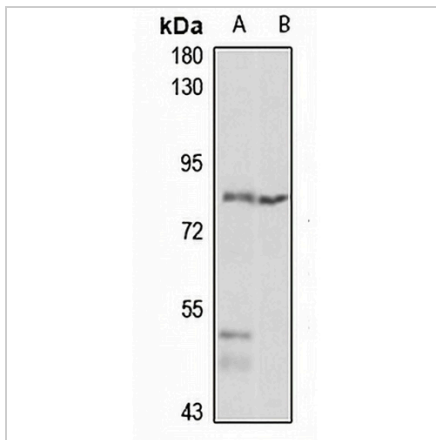
Description	Rabbit polyclonal antibody to TRMT1
Specificity	Recognizes endogenous levels of TRMT1 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human TRMT1. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 69; Observed: 90 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	tRNA (guanine(26)-N(2))-dimethyltransferase; tRNA 2 2-dimethylguanosine-26 methyltransferase; tRNA(guanine-26 N(2)-N(2)) methyltransferase; tRNA(m(2 2)G26)dimethyltransferase
Gene Symbol	TRMT1
Entrez Gene	55621(Human); 212528(Mouse)
SwissProt	Q9NXH9(Human); Q3TX08(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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**DATA**

Western blot analysis of TRMT1 expression in HL60 (A), mouse heart (B) whole cell lysates. (Predicted band size: 69; 72 kD; Observed band size: 90 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.