

## DATASHEET

# DNMT2 Rabbit Polyclonal Antibody

CAT. NO. APA17165

### KEY FEATURES

Target	DNMT2	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

Specifically methylates cytosine 38 in the anticodon loop of tRNA(Asp) . Has higher activity on tRNA(Asp) modified with queuosine at position 34 .

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

### PRODUCT OVERVIEW

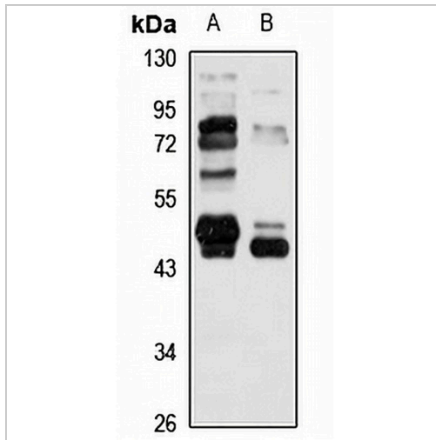
Description	Rabbit polyclonal antibody to DNMT2
Specificity	Recognizes endogenous levels of DNMT2 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human DNMT2. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 6; 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	DNMT2; tRNA (cytosine(38)-C(5))-methyltransferase; DNA (cytosine-5)-methyltransferase-like protein 2; Dnmt2; DNA methyltransferase homolog HsaIIP; DNA MTase homolog HsaIIP; M.HsaIIP; PuMet
Gene Symbol	TRDMT1
Entrez Gene	1787(Human); 13434(Mouse)
SwissProt	O14717(Human); O55055(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 DNMT2 expression in HEK293T (A), HeLa (B) whole cell lysates.  
(Predicted band size: 6; 7; 12; 39; 41; 44 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.