

**DATASHEET**

**THUMPD3 Rabbit Polyclonal Antibody**

CAT. NO. APA13931

**KEY FEATURES**

Target	THUMPD3	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**

Catalytic subunit of the THUMPD3-TRM112 methyltransferase complex, that specifically mediates the S-adenosyl-L-methionine-dependent N(2)-methylation of guanosine nucleotide at position 6 (m2G6) in tRNAs -methylation of guanosine nucleotide at position 6 (m2G6) in tRNAs . This is one of the major tRNA (guanine-N(2))-methyltransferases . Also catalyzes the S-adenosyl-L-methionine-dependent N(2)-methylation of guanosine nucleotide at position 7 of tRNA(Trp) .

**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**

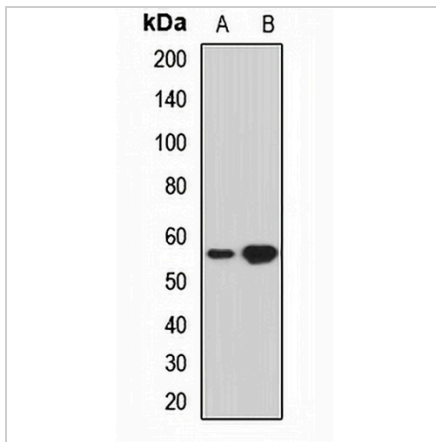
Description	Rabbit polyclonal antibody to THUMPD3
Specificity	Recognizes endogenous levels of THUMPD3 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human THUMPD3
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 57 kD; Observed: 57 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	THUMP domain-containing protein 3
Gene Symbol	THUMPD3
Entrez Gene	25917(Human); 14911(Mouse)
SwissProt	Q9BV44(Human); P97770(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 THUMPD3 expression in A549 (A), MCF7 (B) whole cell lysates. (Predicted band size: 57 kD; Observed band size: 57 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.