9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-TRNA Methyltransferase 2 Homolog Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1296

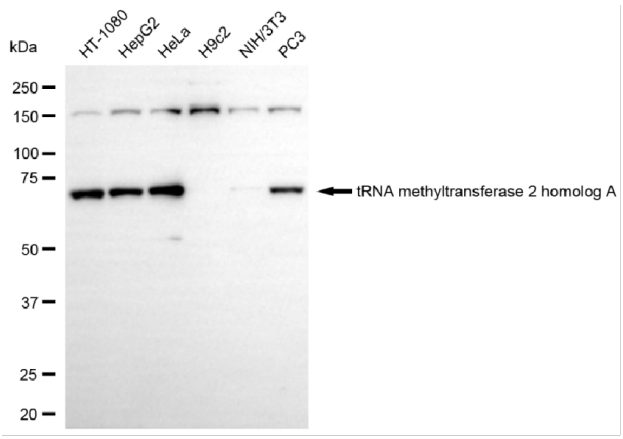
Product Overview

Name	KD-Validated Anti-TRNA Methyltransferase 2 Homolog Rabbit Monoclonal Antibody
Accession(Primary)	Q8IZ69
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human HTF9C
Species Reactivity	Human, Mouse
Calculated MW	Predicted, 69 kDa; observed, 69 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000Flow Cytometry (FCM): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

Target information (Q8IZ69)

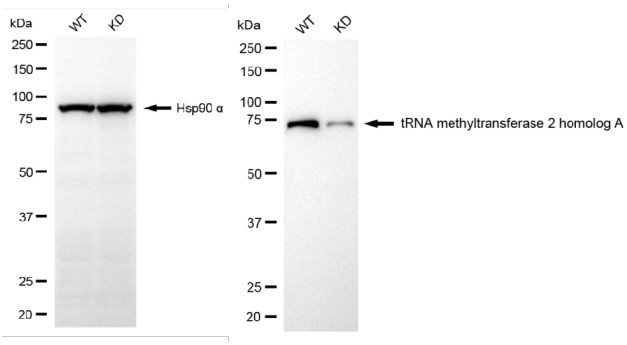
Gene Name	TRMT2A
About Gene Symbol	TRMT2A (TRNA Methyltransferase 2 Homolog) is a methyltransferase involved in translational regulation. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms an

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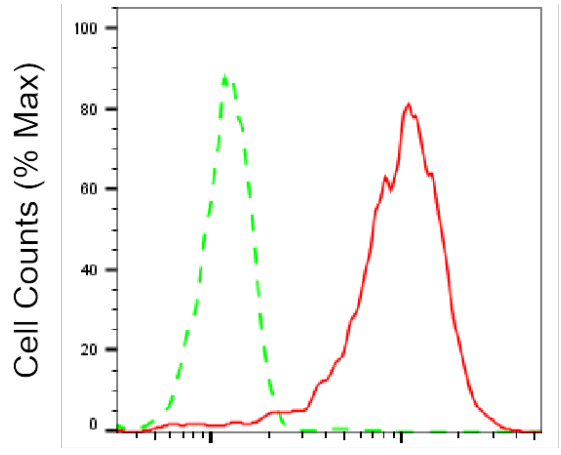
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Western blotting analysis using anti-tRNA methyltransferase 2 homolog A antibody (Cat#ABG1296). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-tRNA methyltransferase 2 homolog A antibody (Cat#ABG1296, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Western blotting analysis using anti-tRNA methyltransferase 2 homolog A antibody (Cat#ABG1296). tRNA methyltransferase 2 homolog A expression in wild type (WT) and tRNA methyltransferase 2 homolog A (TRMT2A) knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-tRNA methyltransferase 2 homolog A antibody (Cat#ABG1296, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

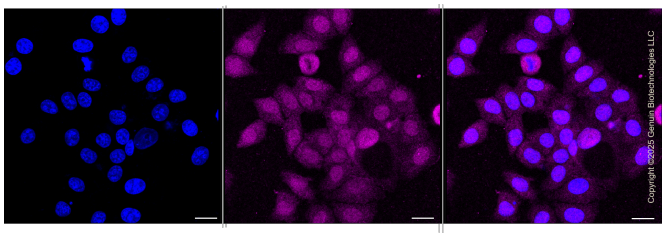


tRNA methyltransferase 2 homolog A-Alexa Fluor® 647

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Flow cytometric analysis of tRNA methyltransferase 2 homolog A expression in HepG2 cells using anti-tRNA methyltransferase 2 homolog A antibody (Cat#ABG1296, 1:2,000). Green, isotype control; red, tRNA methyltransferase 2 homolog A.

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Immunocytochemical staining of HepG2 cells with anti-tRNA methyltransferase 2 homolog A antibody (Cat#ABG1296, 1:1,000). Nuclei were stained blue with DAPI; tRNA methyltransferase 2 homolog A was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Meidum. Scale bar, 20 µm.