9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-PCYT1A Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1875

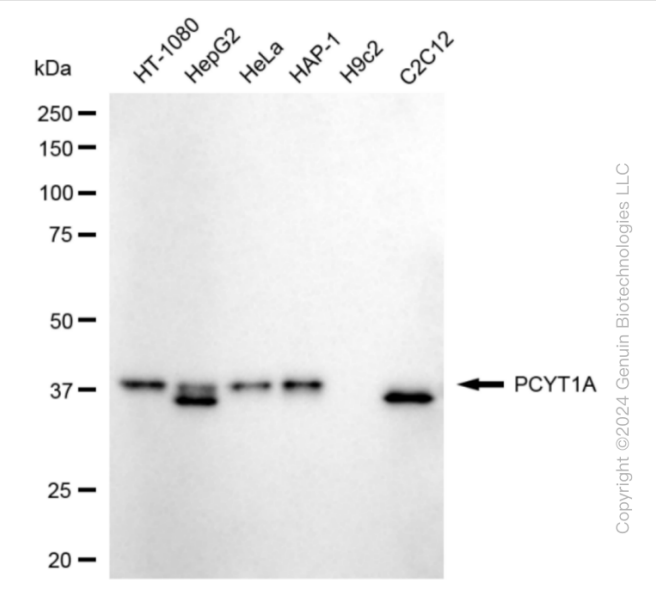
Product Overview

Name	KD-Validated Anti-PCYT1A Rabbit Monoclonal Antibody
Accession(Primary)	P49585
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human CTA
Species Reactivity	Human, Mouse
Calculated MW	Predicted, 42 kDa, observed, 42 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000

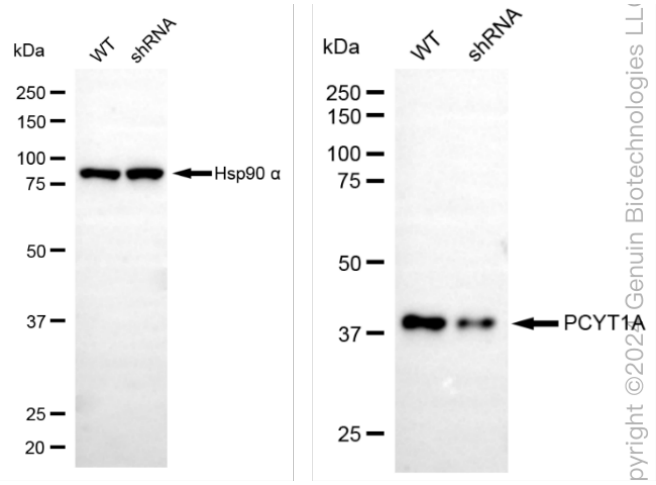
Target information (P49585)

Gene Name	PCYT1A
About Gene Symbol	PCYT1A (Phosphate Cytidylyltransferase 1A, Choline) is a metabolic enzyme involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanism

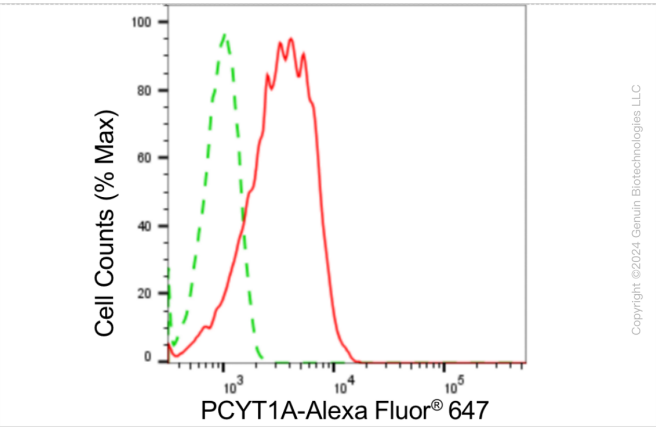
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Western blotting analysis using anti-PCYT1A antibody (Cat#ABG1875). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PCYT1A antibody (Cat#ABG1875, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-PCYT1A antibody (Cat#ABG1875). PCYT1A expression in wild-type (WT) and PCYT1A shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-PCYT1A antibody (Cat#ABG1875, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of PCYT1A expression in HepG2 cells using anti-PCYT1A antibody (Cat#ABG1875, 1:2,000). Green, isotype control; red, PCYT1A.