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

KD-Validated Anti-DLAT Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG2363

Product Overview

Name	KD-Validated Anti-DLAT Rabbit Monoclonal Antibody
Accession(Primary)	P10515
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human DLAT
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 69 kDa ; Observed, 71 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 Immunocytochemistry (IC): 1:1,000

Target information (P10515)

Gene Name	DLAT
About Gene Symbol	DLAT (Dihydrolipoamide S-Acetyltransferase) is a metabolic dehydrogenase involved in adaptive immunity. It is an important research target in fibrotic disease and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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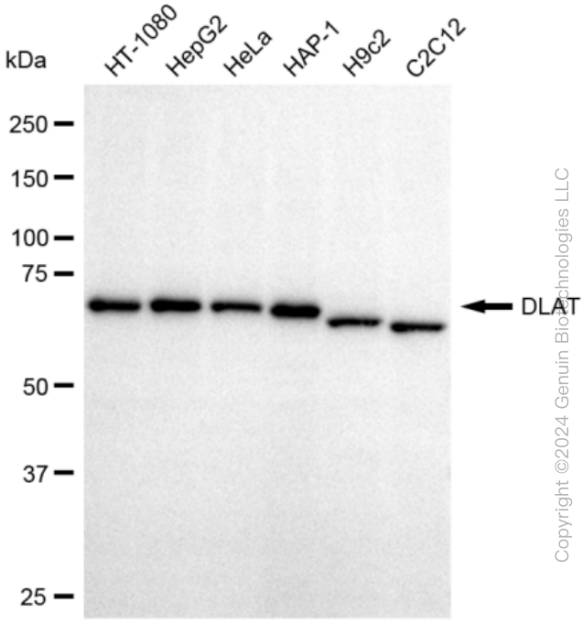

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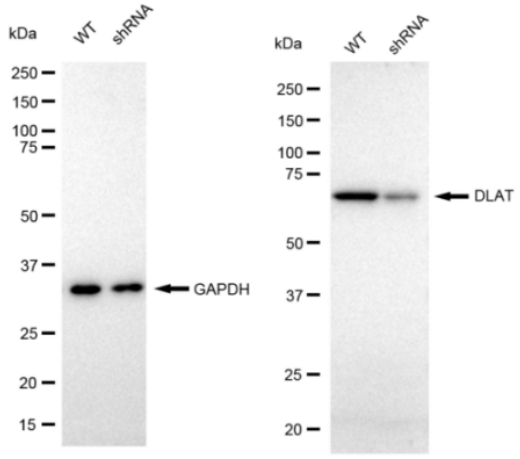
Western blotting analysis using anti-DLAT antibody (Cat#ABG2363). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-DLAT antibody (Cat#ABG2363, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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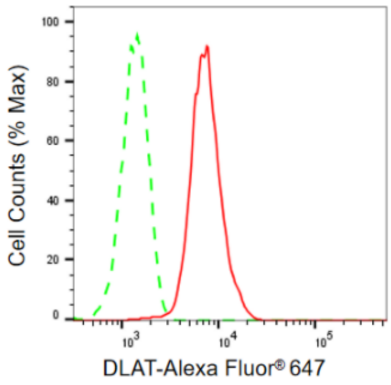
Western blotting analysis using anti-DLAT antibody (Cat#ABG2363). DLAT expression in wild type (WT) and DLAT shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. GAPDH serves as a loading control. The blot was incubated with anti-DLAT antibody (Cat#ABG2363, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of DLAT expression in HepG2 cells using DLAT antibody (Cat#ABG2363, 1:2,000). Green, isotype control; red, DLAT.

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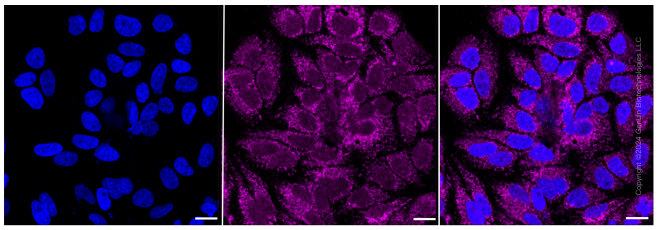

Immunocytochemical staining of HepG2 cells with DLAT antibody (Cat#ABG2363, 1:1,000). Nuclei were stained blue with DAPI; DLAT was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.