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

KD-Validated Anti-Acetyl-CoA Acetyltransferase 2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1475

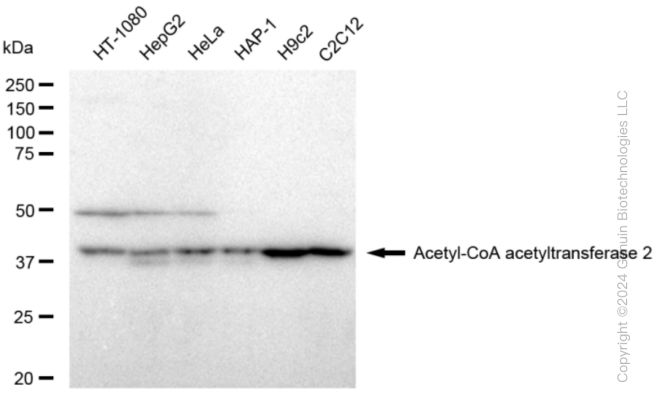
Product Overview

Name	KD-Validated Anti-Acetyl-CoA acetyltransferase 2 Rabbit Monoclonal Antibody
Accession(Primary)	Q9BWD1
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human ACAT2
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 41 kDa , observed, 38 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 (Q9BWD1)

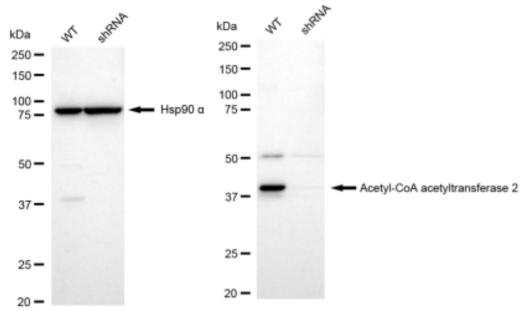
Gene Name	ACAT2
About Gene Symbol	ACAT2 (Acetyl-CoA Acetyltransferase 2) is a mitochondrial acyltransferase enzyme involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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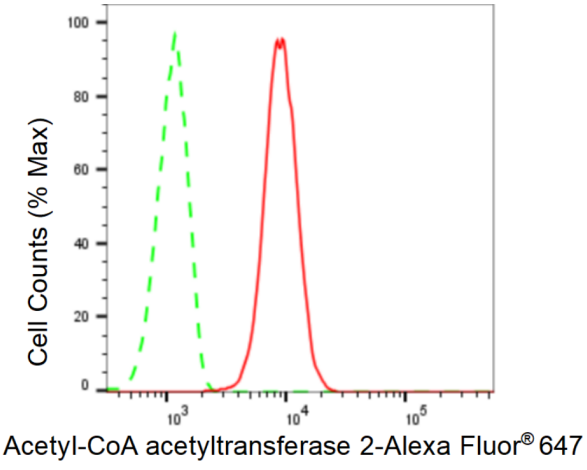
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Western blotting analysis using anti-Acetyl-CoA acetyltransferase 2 antibody (Cat#ABG1475). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Acetyl-CoA acetyltransferase 2 antibody (Cat#ABG1475, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Western blotting analysis using anti-Acetyl-CoA acetyltransferase 2 antibody (Cat#ABG1475). Acetyl-CoA acetyltransferase 2 expression in wild type (WT) and Acetyl-CoA acetyltransferase 2 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-Acetyl-CoA acetyltransferase 2 antibody (Cat#ABG1475, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Acetyl-CoA acetyltransferase 2 expression in C2C12 cells using Acetyl-CoA acetyltransferase 2 antibody (Cat#ABG1475, 1:2,000). Green, isotype control; red, Acetyl-CoA acetyltransferase 2.