9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-ACAT1 Rabbit Polyclonal Antibody

Rabbit polyclonal antibody

ABG2113

Product Overview

Name	KD-Validated Anti-ACAT1 Rabbit Polyclonal Antibody
Accession(Primary)	P24752
Host Species	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human ACAT1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 45 kDa, observed, 41 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:500-1:2,500

Target information (P24752)

Gene Name	ACAT1
About Gene Symbol	ACAT1 (Acetyl-CoA Acetyltransferase 1) 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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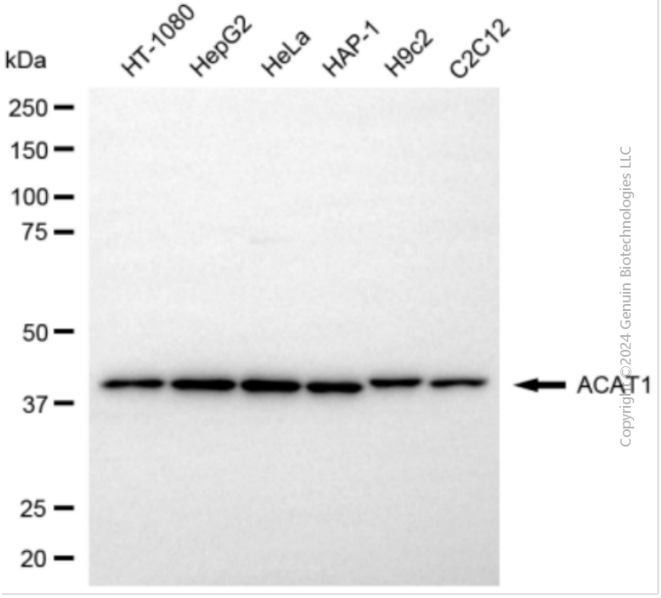
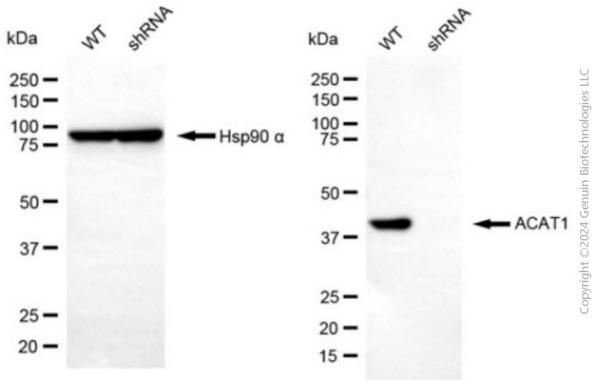


Western blotting analysis using anti-ACAT1 antibody (Cat#ABG2113). Total cell lysates (20 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ACAT1 antibody (Cat#ABG2113, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-ACAT1 antibody (Cat #ABG2113). ACAT1 expression in wild-type (WT) and ACAT1 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-ACAT1 antibody (Cat #ABG2113, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody respectively.