9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-LPCAT1 Rabbit Monoclonal Antibody

Rabbit monoclonal Antibody

ABG2204

Product Overview

Name	KD-Validated Anti-LPCAT1 Rabbit Monoclonal Antibody
Accession(Primary)	Q8NF37
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	Recombinant protein of human LPCAT1
Species Reactivity	Human
Calculated MW	Predicted, 59 kDa, observed, 55 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): 1:1,000

Target information (Q8NF37)

Gene Name	LPCAT1
About Gene Symbol	LPCAT1 (Lysophosphatidylcholine Acyltransferase 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

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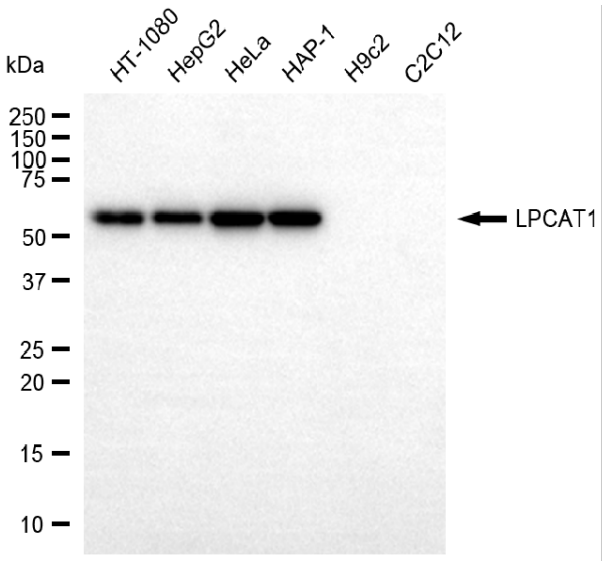

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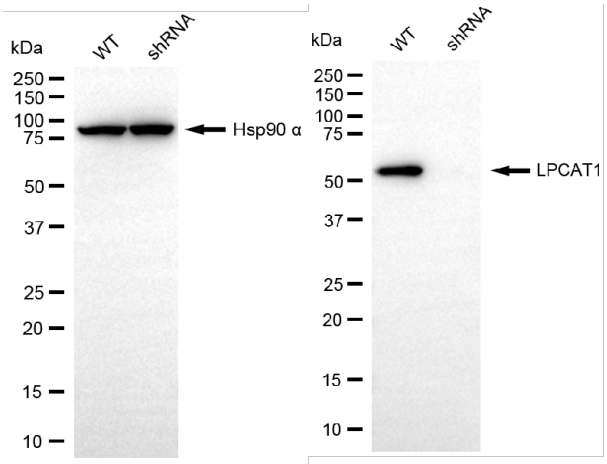
Western blotting analysis using anti-LPCAT1 antibody (Cat#ABG2204). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-LPCAT1 antibody (Cat#ABG2204, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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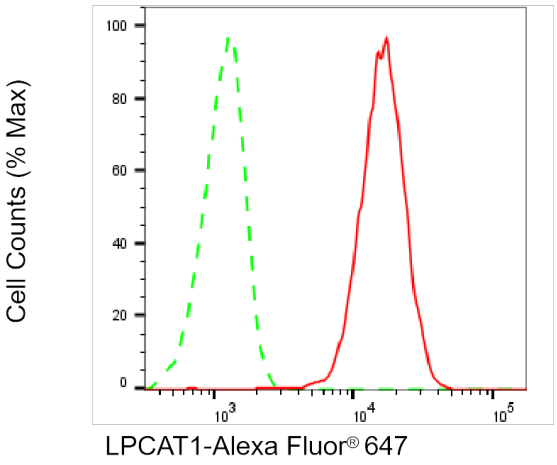
Western blotting analysis using anti-LPCAT1 antibody (Cat#ABG2204). LPCAT1 expression in wild-type (WT) and LPCAT1 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-LPCAT1 antibody (Cat#ABG2204, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of LPCAT1 expression in HepG2 cells using anti-LPCAT1 antibody (Cat#ABG2204, 1:2,000). Green, isotype control; red, LPCAT1.