9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-Acyl-CoA dehydrogenase short chain Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG2342

Product Overview

Name	KD-Validated Anti-Acyl-CoA dehydrogenase short chain Rabbit Monoclonal Antibody
Accession(Primary)	P16219
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human ACADS / SCAD
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 4 4 kDa ; Observed, 4 0 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 Immunocytochemistry (IC): 1:1,000

Target information (P16219)

Gene Name	ACADS
About Gene Symbol	ACADS (Acyl-CoA Dehydrogenase Short Chain) is a metabolic dehydrogenase 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

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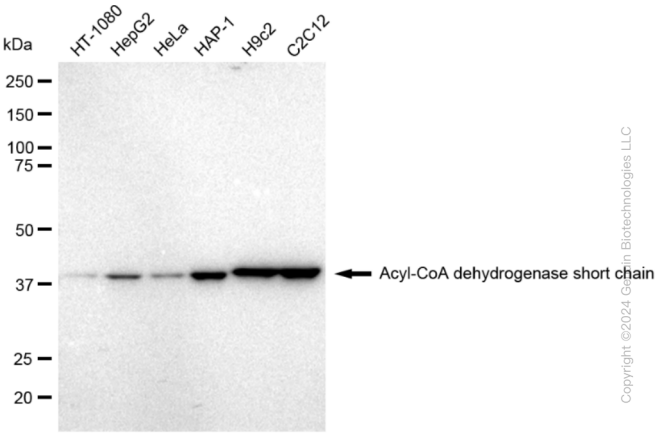
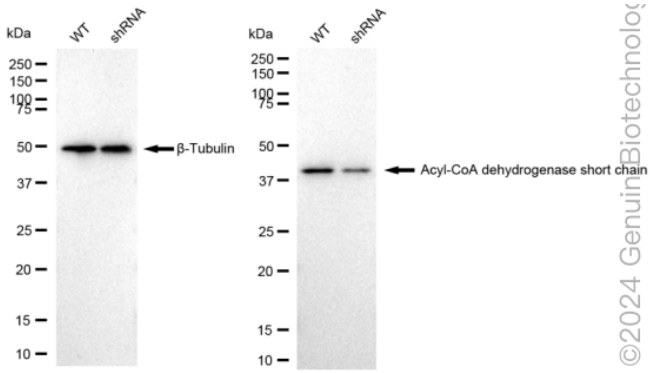
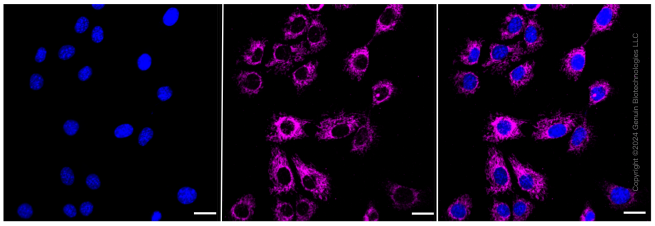


Western blotting analysis using anti-Acyl-CoA dehydrogenase short chain antibody (Cat#ABG2342). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Acyl-CoA dehydrogenase short chain antibody (Cat#ABG2342, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-Acyl-CoA dehydrogenase short chain antibody (Cat#ABG2342). Acyl-CoA dehydrogenase short chain expression in wild type (WT) and acyl-CoA dehydrogenase short chain shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Acyl-CoA dehydrogenase short chain antibody (Cat#ABG2342, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Immunocytochemical staining of HeLa cells with Acyl-CoA dehydrogenase short chain antibody (Cat#ABG2342, 1:1,000). Nuclei were stained blue with DAPI; Acyl-CoA dehydrogenase short chain 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.