Anti-ACSL3 Mouse Oligoclonal Antibody

Catalog #: 5467

Aliases

ACSL3; Acyl-CoA Synthetase Long Chain Family Member 3; ACS3; PRO2194; FACL3; Fatty-Acid-Coenzyme A Ligase, Long-Chain 3; Long-Chain-Fatty-Acid--CoA Ligase 3; Medium-Chain Acyl-CoA Ligase Acsl3; Long-Chain Acyl-CoA Synthetase 3; Fatty Acid CoA Ligase Acsl3; Arachidonate--CoA Ligase; EC 6.2.1.3; LACS 3; LACS3; Lignoceroyl-CoA Synthase; EC 6.2.1.15; EC 6.2.1.2

Background

Gene Name: ACSL3
NCBI Gene Entry: 2181
UniProt Entry: O95573

Application Information

Molecular Weight: Predicted, 80 kDa; observed, 70 kDa
Clonality: Mouse oligoclonal antibody
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

Recombinant protein of human ACSL3

Isotype

Mouse IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:500-1:2,500
Flow Cytometry (FCM): 1:2,000
Immunocytochemistry (IC): 1:100-1:1,000

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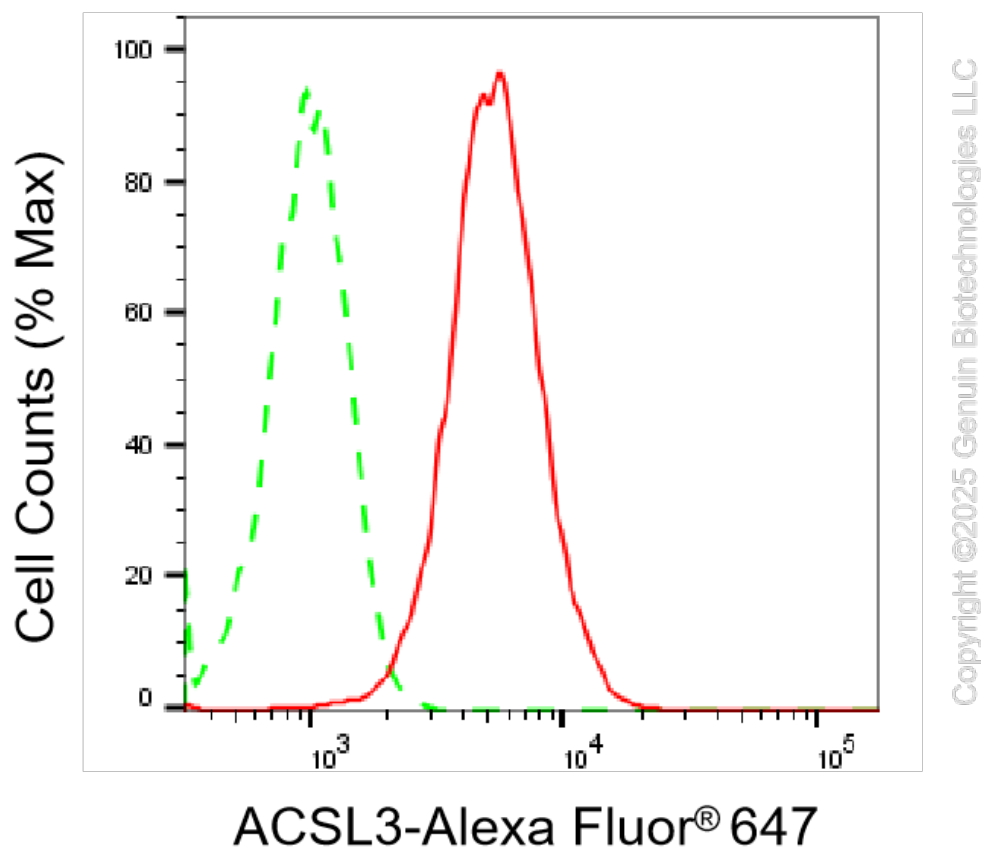SUPPORT@GENUINBIOTECH.COM
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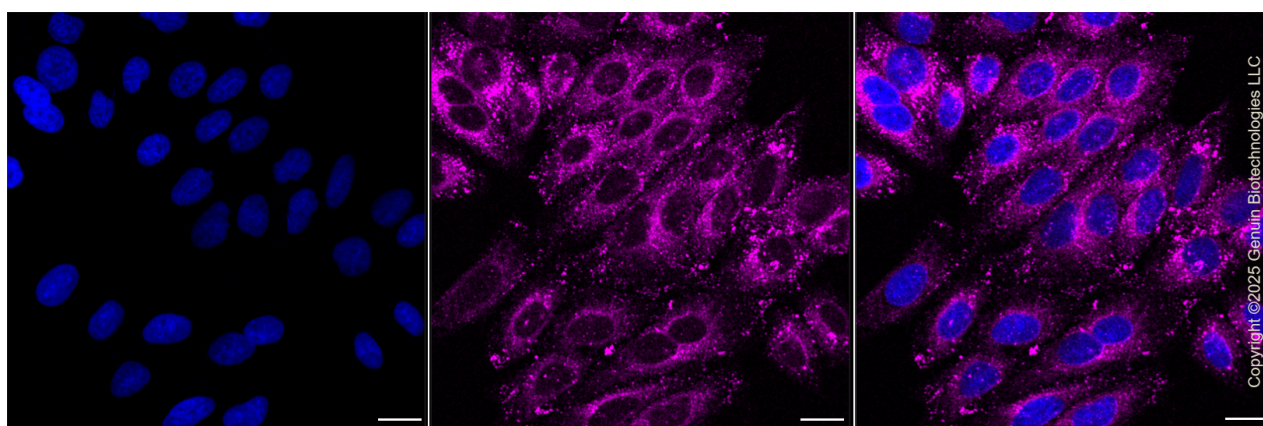
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Note: This product is for research use only.

Validation Data

Flow cytometric analysis of ACSL3 expression in HepG2 cells using anti-ACSL3 antibody (Cat#5467, 1:2,000). Green, isotype control; red, ACSL3.

Immunocytochemical staining of HepG2 cells with anti-ACSL3 antibody (Cat#5467, 1:1,000). Nuclei were stained blue with DAPI; ACSL3 was stained magenta with Alexa Fluor® 647.
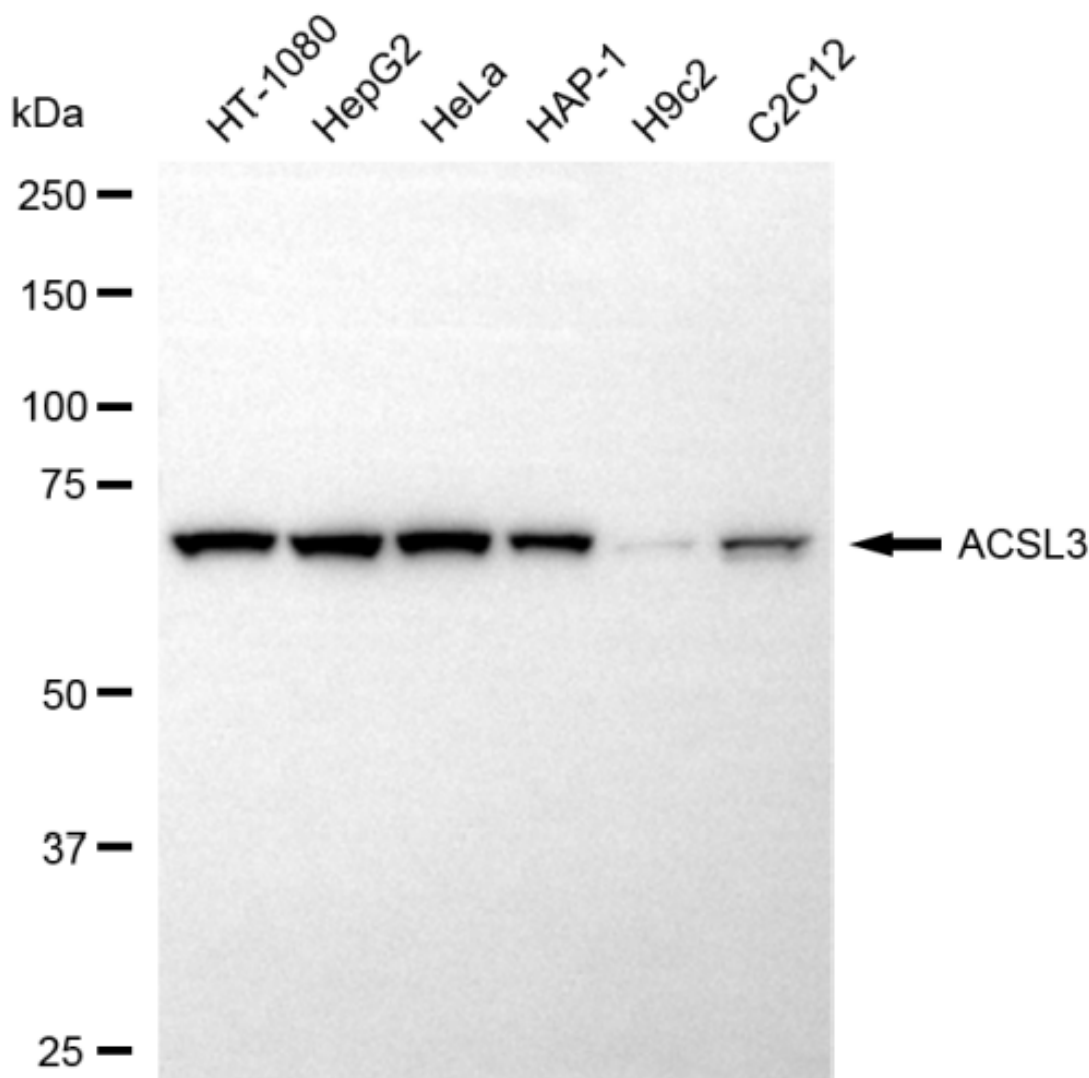
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TEL: +1-540-855-7041

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Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 μm.

Western blotting analysis using anti-ACSL3 antibody (Cat#5467). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ACSL3 antibody (Cat#5467, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).