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[KD-Validated] Anti-ACSL4 Rabbit Monoclonal Antibody

Cat No.: KD-10040

Aliases:

ACSL4; Acyl-CoA Synthetase Long Chain Family Member 4; LACS4; ACS4; FACLA4; Fatty-Acid-Coenzyme A Ligase, Long-Chain 4; Long-Chain Fatty-Acid-Coenzyme A Ligase 4; Long-Chain-Fatty-Acid--CoA Ligase 4; Long-Chain Acyl-CoA Synthetase 4; Lignoceroyl-CoA Synthase; Arachidonate--CoA Ligase; EC 6.2.1.3; MRX63; MRX68; Mental Retardation, X-Linked 63; Mental Retardation, X-Linked 68; Acyl-CoA Synthetase 4; EC 6.2.1.15; XLID63; LACS 4

Background:

UniProt Entry: [O60488](#);NCBI Gene Entry: [2182](#)

Application Information

Molecular Weight: Predicted, 79 kDa, observed, 73 kDa Clonality: Rabbit monoclonal antibody Clone ID: 23GB2960 Species Reactivity: Human, Mouse, Rat Applications Tested: Western Blotting (WB), Flow Cytometry (FCM), Immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from ACSL4

Isotype

Rabbit IgG

Storage Buffer

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

Storage

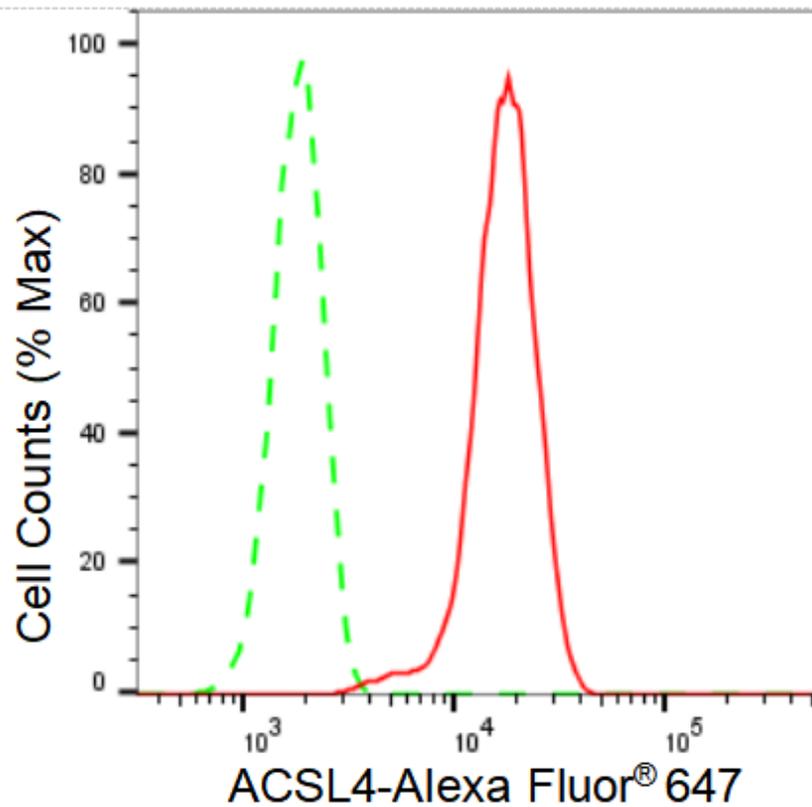
Store at -20 °C for one year.

Recommended Dilutions

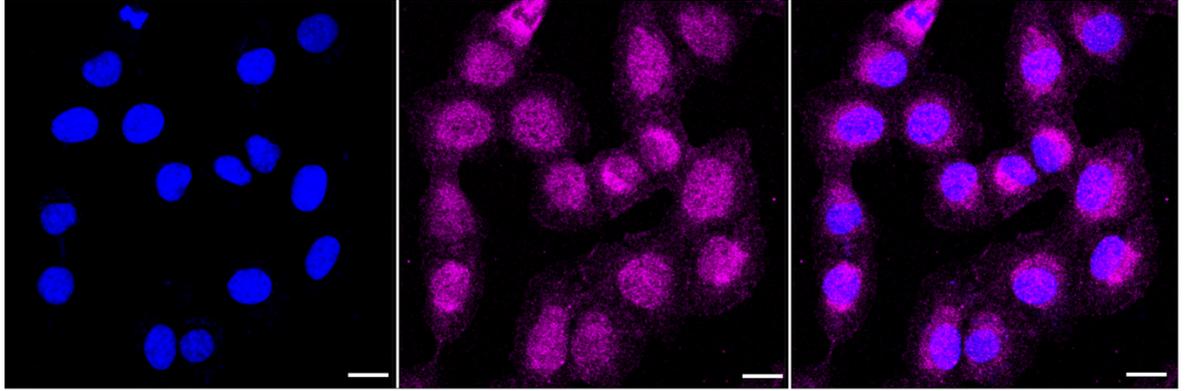
Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000
Immunocytochemistry (IC): 1:1,000

Protocols

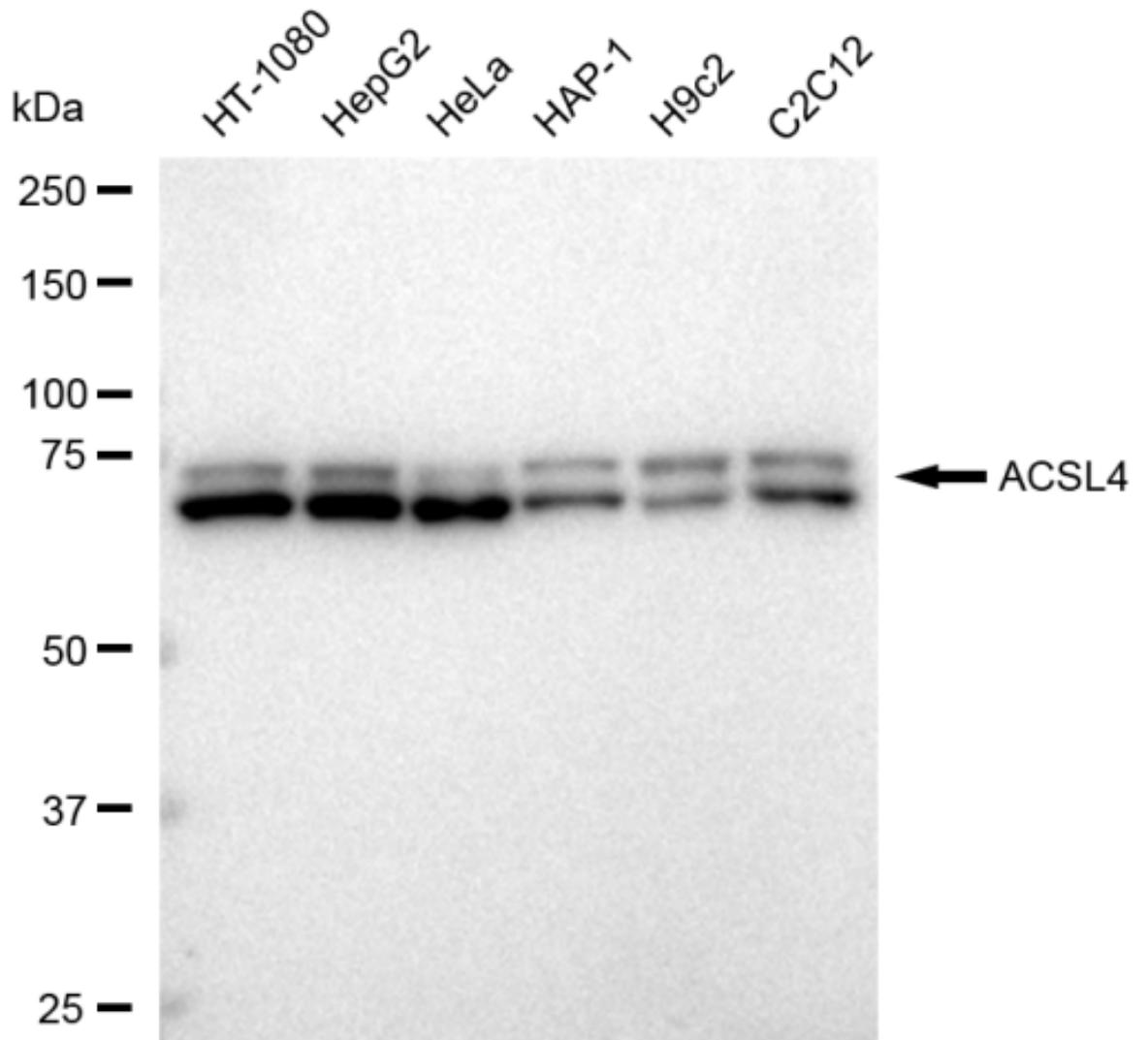
For general and specific antibody protocols please visit our website. Read all instructions before using this product.



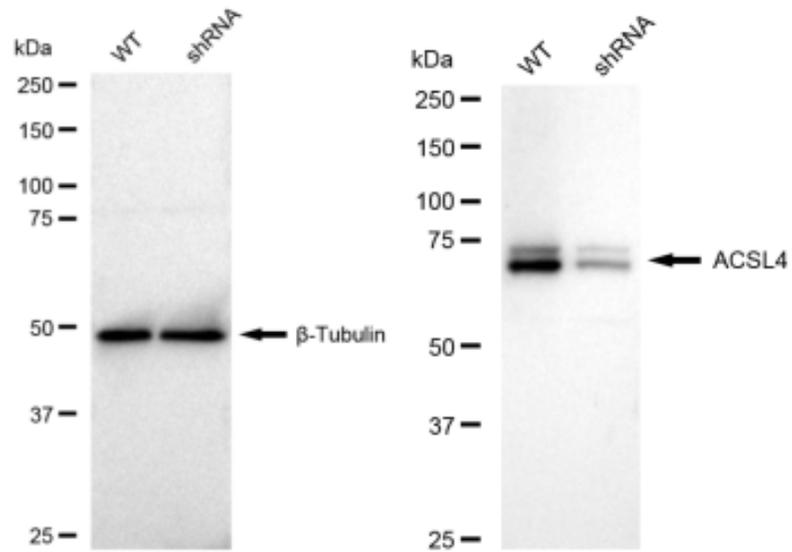
Flow cytometric analysis of ACSL4 expression in HT-1080 cells using ACSL4 antibody 1:2,000. Green, isotype control; red, ACSL4.



Immunocytochemical staining of HT-1080 cells with ACSL4 antibody 1:1,000. Nuclei were stained blue with DAPI; ACSL4 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 μ m.



Western blotting analysis using anti-ACSL4 antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using FeQ™ ECL Substrate Kit . ACSL4, acyl-CoA synthetase long chain family member 4.



Western blotting analysis using anti-ACSL4 antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using FeQ™ ECL Substrate Kit .