

Anti-Acyl-CoA Oxidase 1 Rabbit Monoclonal Antibody



Catalog #: 3368

Aliases

ACOX1; Acyl-CoA Oxidase 1; Palmitoyl-CoA Oxidase; PALMCOX; Peroxisomal Acyl-Coenzyme A Oxidase 1; Acyl-Coenzyme A Oxidase 1, Palmitoyl; Peroxisomal Fatty Acyl-CoA Oxidase; Straight-Chain Acyl-CoA Oxidase; Acyl-CoA Oxidase 1, Palmitoyl; EC 1.3.3.6; ACOX; SCOX; AOX; Acyl-CoA Oxidase, Straight-Chain; MITCH

Background

Gene Name: ACOX1

NCBI Gene Entry: [51](#)

UniProt Entry: [Q15067](#)

Application Information

Molecular Weight: Predicted, 75 kDa; observed, 74,48 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB5340

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

Recombinant protein of mouse ACOX1

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): 1:100-1:1,000

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TEL: +1-540-855-7041

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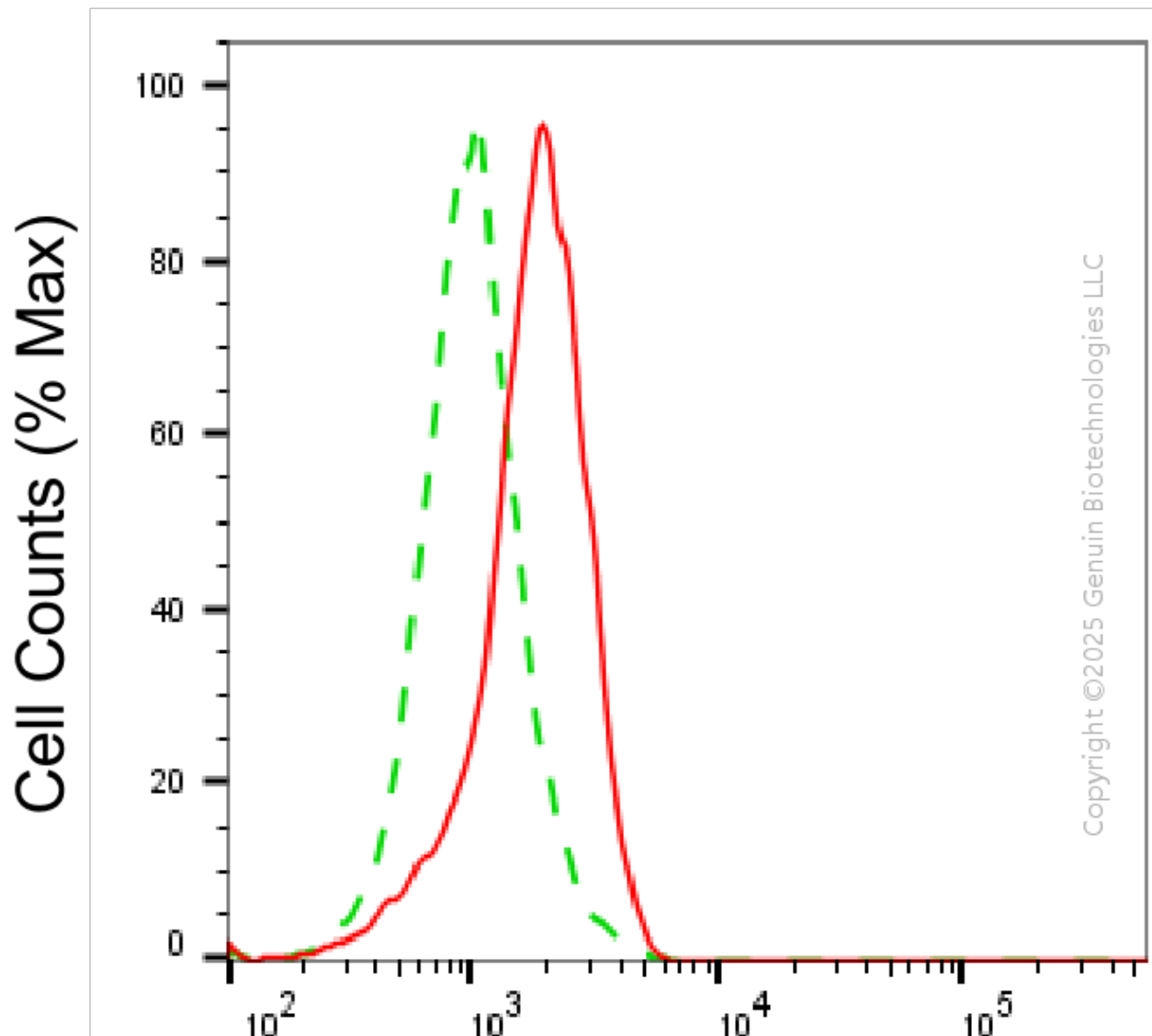
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Note: This product is for research use only.

Validation Data



ACOX1-Alexa Fluor® 647

Flow cytometric analysis of ACOX1 expression in C2C12 cells using anti-ACOX1 antibody (Cat#3368, 1:2,000). Green, isotype control; red, ACOX1.

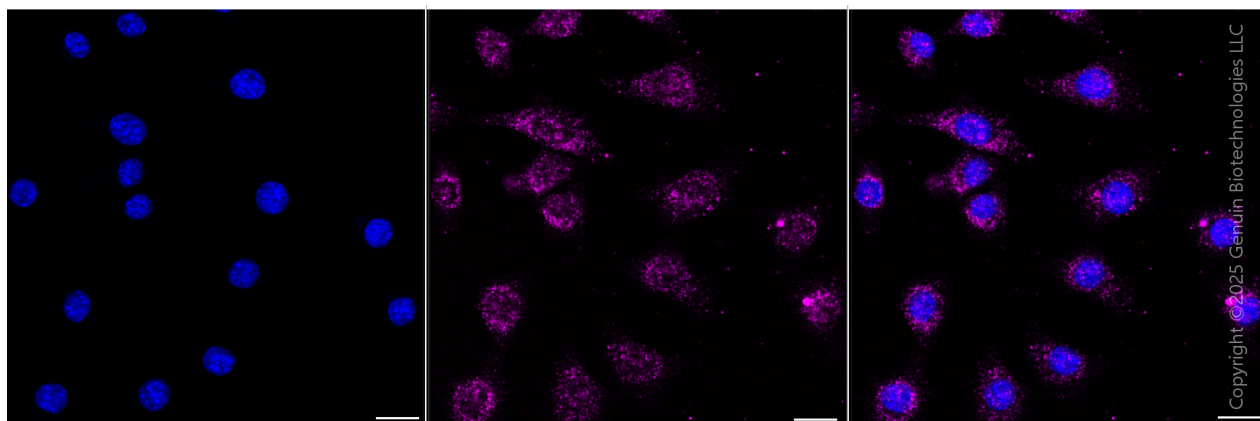
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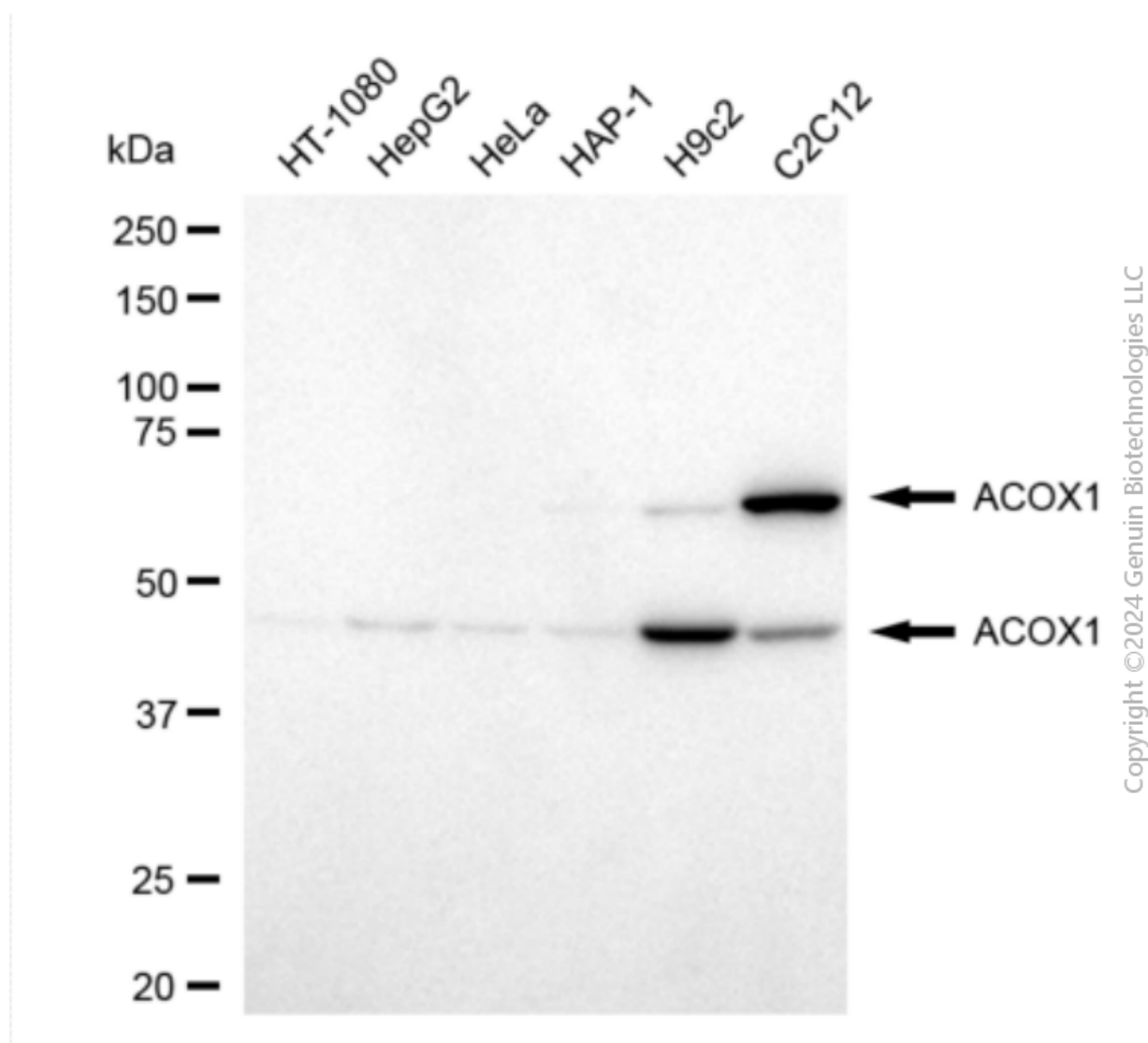
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Immunocytochemical staining of C2C12 cells with anti-ACOX1 antibody (Cat#3368, 1:1,000) . Nuclei were stained blue with DAPI; ACOX1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and Smart Gain □ Low. Scale bar, 20 μm.



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Western blotting analysis using anti-ACOX1 antibody (Cat#3368). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ACOX1 antibody (Cat#3368, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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