

KD-Validated Anti-Phospho-ACC(S79) Recombinant Rabbit Monoclonal Antibody



Catalog #: 61323

Aliases

ACACA; Acetyl-CoA Carboxylase Alpha; ACC1; ACCA; Acetyl-Coenzyme A; Carboxylase Alpha; Acetyl-CoA Carboxylase 1; ACC-Alpha; HACC1; ACAC; ACACalpha; ACCalpha; Acac1; ACC; EC 6.4.1.2; ACACALPHA; ACC-ALPHA; ACCALPHA 5; ACACAD 3; ACAC1

Background

Gene Name: ACACA

NCBI Gene Entry: 31

UniProt Entry: Q13085

Application Information

Molecular Weight: Predicted, 266 kDa; observed, 250 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB2275

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Phospho-ACC(S79)

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

Immunocytochemistry (IC): 1:100-1:1,000

Note: This product is for research use only.

Validation Data

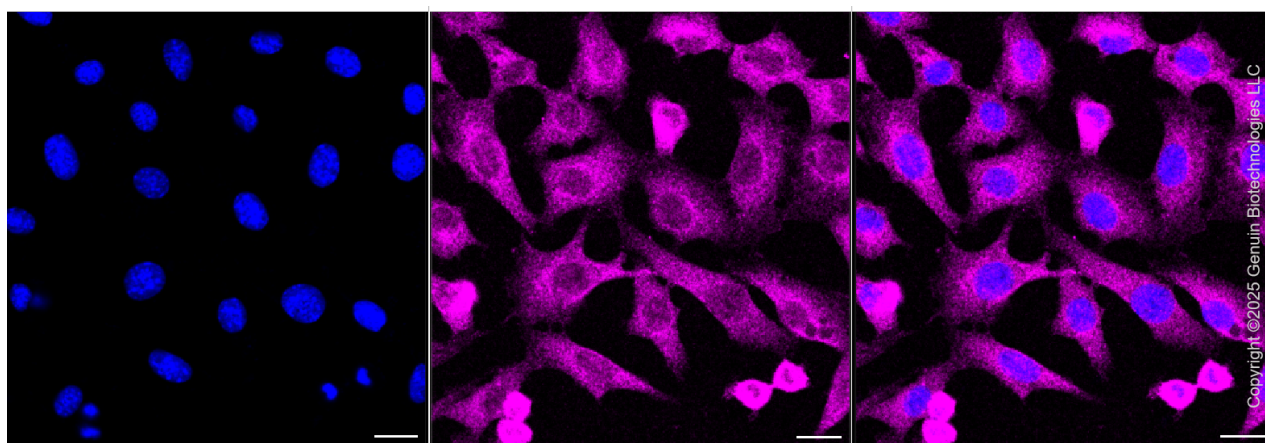
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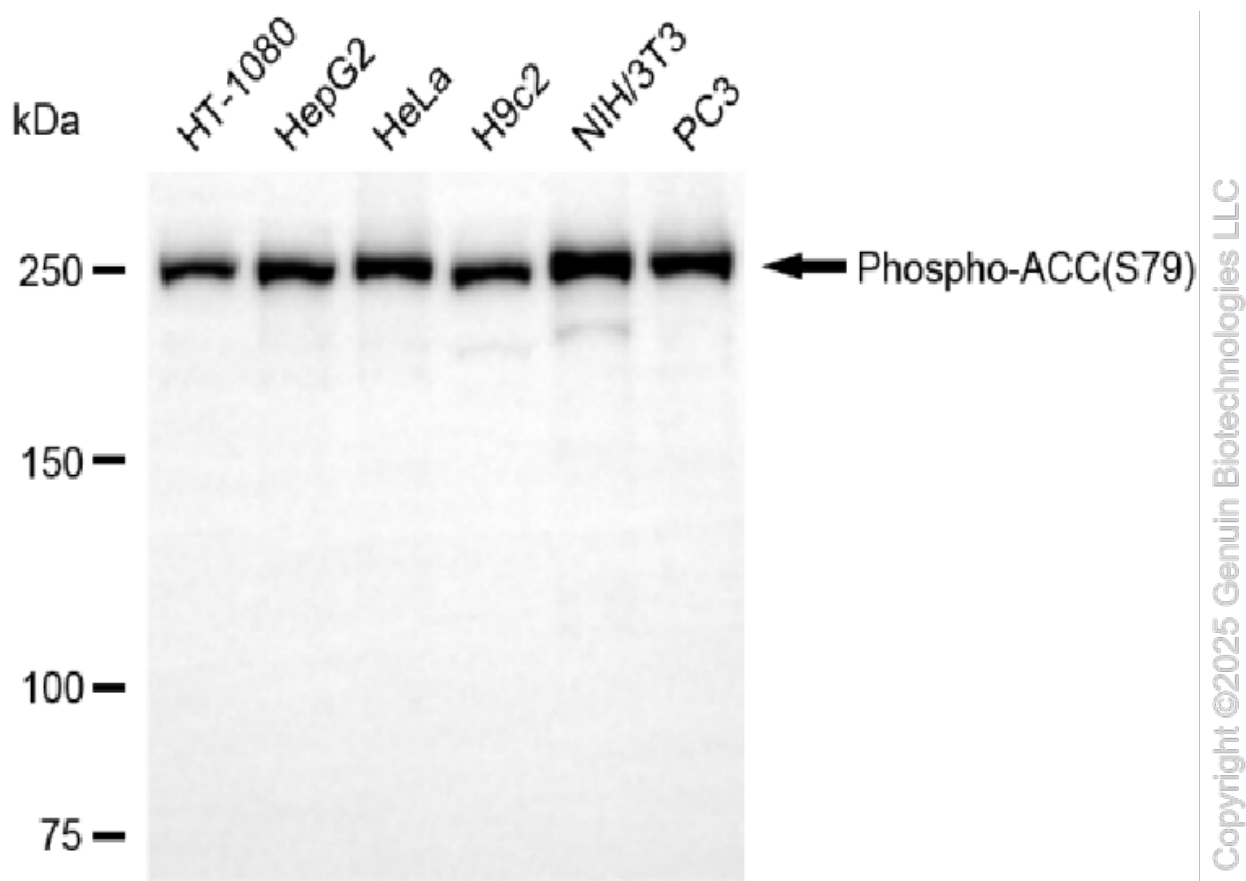
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Immunocytochemical staining of HepG2 cells with anti-Phospho-ACC(S79) antibody (Cat#61323, 1:1,000). Nuclei were stained blue with anti-DAPI; Phospho-ACC(S79) was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar, 20 μ m.



Western blotting analysis using anti-phospho-ACC(S79) antibody (Cat#61323). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-phospho-ACC(S79) antibody (Cat#61323, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL

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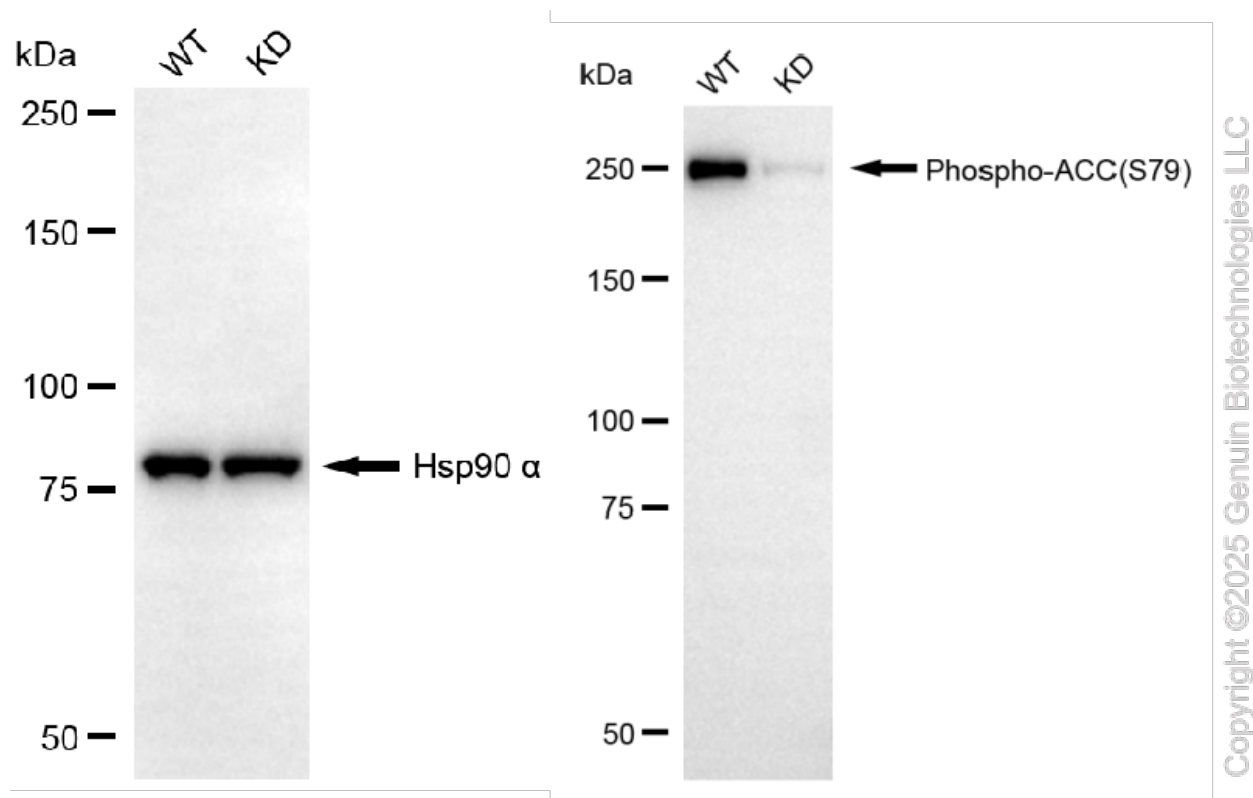
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Substrate Kit (Cat#716).



Western blotting analysis using anti-phospho-ACC(S79) antibody (Cat#61323). Phospho-ACC(S79) expression in wild-type (WT) and ACACA knockdown (KD) 293T cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-phospho-ACC(S79) antibody (Cat#61323, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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