9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-Coenzyme A synthase Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1153

Product Overview

Name	KD-Validated Anti-Coenzyme A synthase Rabbit Monoclonal Antibody
Accession(Primary)	Q13057
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from COASY
Species Reactivity	Human
Calculated MW	Predicted, 62 kDa , observed, 62 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 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

Target information (Q13057)

Gene Name	COASY
About Gene Symbol	COASY (Coenzyme A Synthase) is a biosynthetic enzyme involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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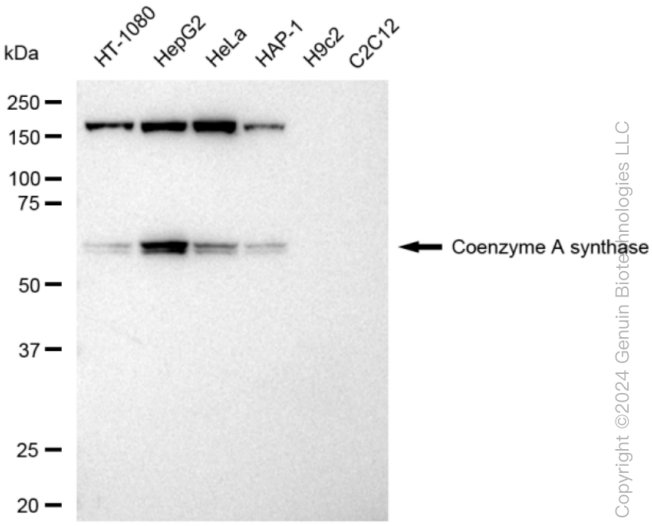

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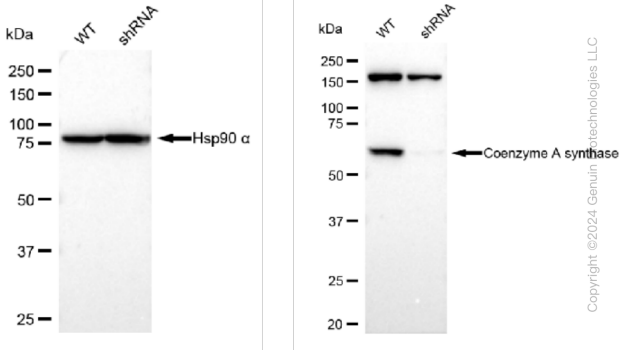
Western blotting analysis using anti-Coenzyme A synthase antibody (Cat#ABG1153). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Coenzyme A synthase antibody (Cat#ABG1153, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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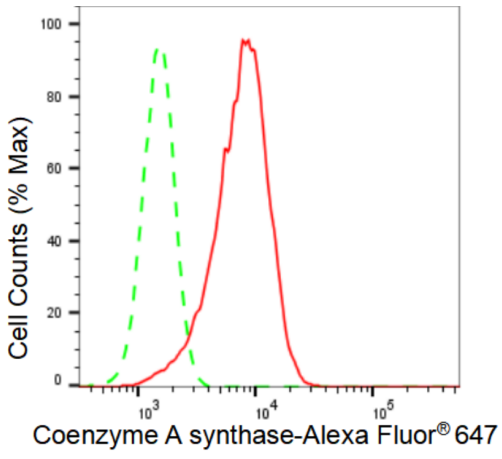
Western blotting analysis using anti-Coenzyme A synthase antibody (Cat#ABG1153). Coenzyme A synthase expression in wild type (WT) and Coenzyme A synthase shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-Coenzyme A synthase antibody (Cat#ABG1153, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Coenzyme A synthase expression in HepG2 cells using Coenzyme A synthase antibody (Cat#ABG1153, 1:2,000). Green, isotype control; red, Coenzyme A synthase.

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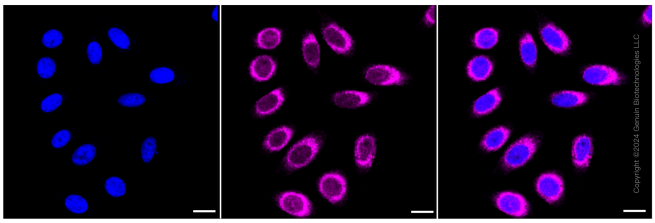

Immunocytochemical staining of HepG2 cells with Coenzyme A synthase antibody (Cat#ABG1153, 1:1,000). Nuclei were stained blue with DAPI; Coenzyme A synthase was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 µm.