9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-COX IV Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG2364

Product Overview

Name	KD-Validated Anti-COX IV Rabbit Monoclonal Antibody
Accession(Primary)	P13073
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human COX IV
Species Reactivity	Human
Calculated MW	Predicted, 20 kDa ; Observed, 17 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

Target information (P13073)

Gene Name	COX4I1
About Gene Symbol	COX4I1 (Cytochrome C Oxidase Subunit 4I1) is a metabolic enzyme involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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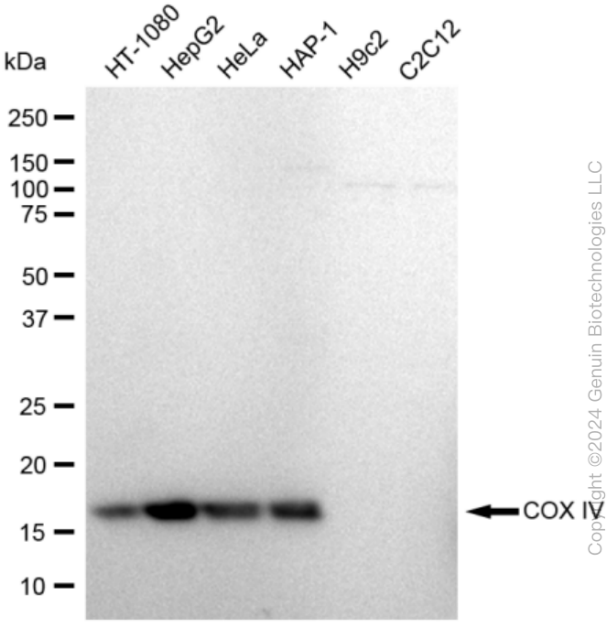

Western blotting analysis using anti-COX IV antibody (Cat#ABG2364). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-COX IV antibody (Cat#ABG2364, 1:5,000) and HRP-conjugated goat anti rabbit secondary antibody respectively.

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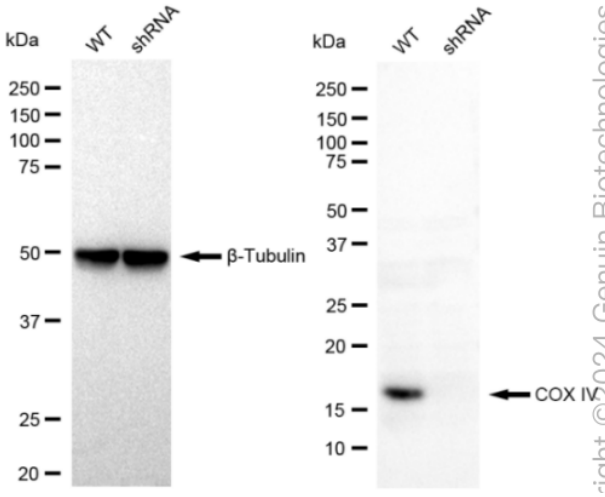

Western blotting analysis using anti-COX4I1 antibody (Cat#ABG2364). COX4I1 expression in wild type (WT) and COX4I1 shRNA knockdown (KD) HT-1080 cells with 30 µg of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-COX4I1 antibody (Cat#ABG2364, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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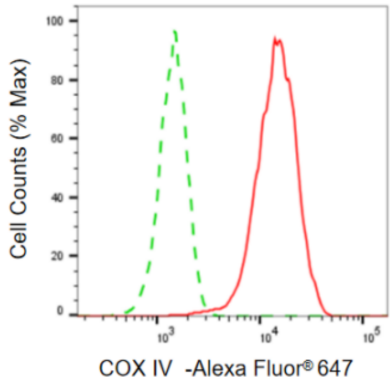

Flow cytometric analysis of COX IV expression in HepG2 cells using anti-COX IV antibody (Cat#ABG2364,1:2,000). Green, isotype control; red, COX IV.

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