9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-UQCRFS1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1755

Product Overview

Name	KD-Validated Anti-UQCRFS1 Rabbit Monoclonal Antibody
Accession(Primary)	P47985
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human UQCRFS1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 30 kDa, observed, 23 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 Immunocytochemistry (IC): 1:100-1:1,000 Flow Cytometry (FCM): 1:2,000

Target information (P47985)

Gene Name	UQCRFS1
About Gene Symbol	UQCRFS1 (Ubiquinol-Cytochrome C Reductase, Rieske Iron-Sulfur Polypeptide 1) 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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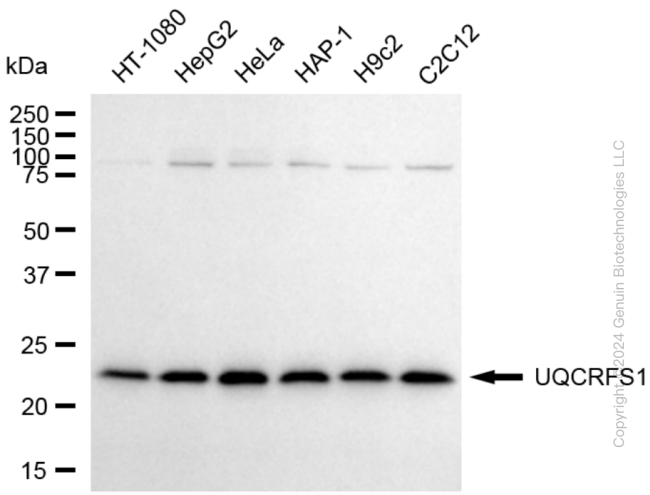

Western blotting analysis using anti-UQCRFS1 antibody (Cat#ABG1755). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-UQCRFS1 antibody (Cat#ABG1755, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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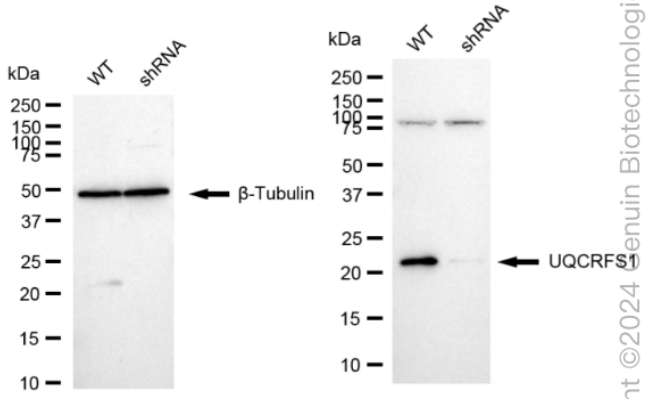

Western blotting analysis using anti-UQCRFS1 antibody (Cat#ABG1755). UQCRFS1 expression in wild type (WT) and UQCRFS1 shRNA knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-UQCRFS1 antibody (Cat#ABG1755, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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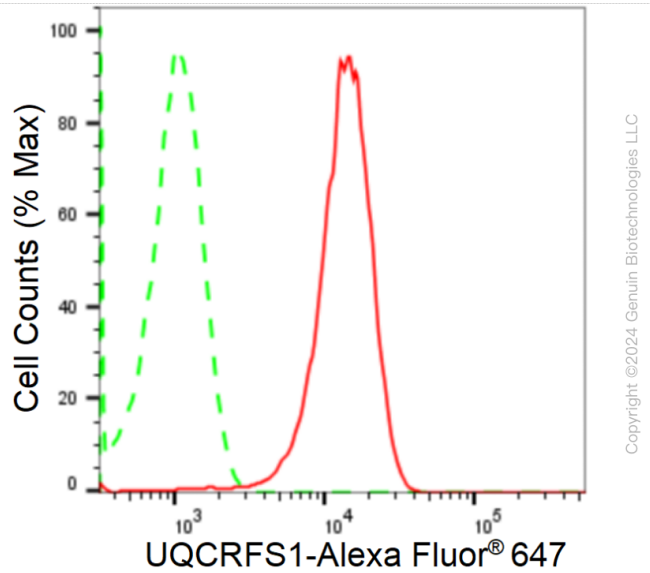

Flow cytometric analysis of UQCRFS1 expression in HepG2 cells using anti-UQCRFS1 antibody (Cat#ABG1755, 1:2,000). Green, isotype control; red, UQCRFS1.

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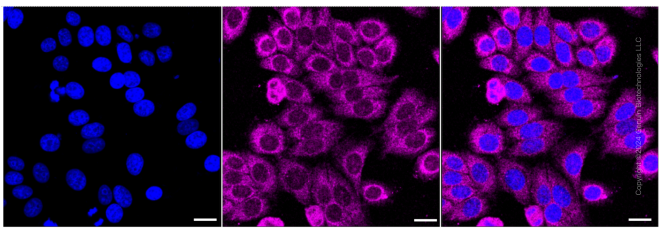

Immunocytochemical staining of HepG2 cells with anti-UQCRFS1 antibody (Cat#ABG1755, 1:1,000). Nuclei were stained blue with DAPI; UQCRFS1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.