9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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KD-Validated Anti-SUN1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1750

Product Overview

Name	KD-Validated Anti-SUN1 Rabbit Monoclonal Antibody
Accession(Primary)	O94901
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human SUN1
Species Reactivity	Human
Calculated MW	Predicted, 87 kDa , observed , 98 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 (O94901)

Gene Name	SUN1
About Gene Symbol	SUN1 (Sad1 And UNC84 Domain Containing 1) is a protein kinase and signaling regulator 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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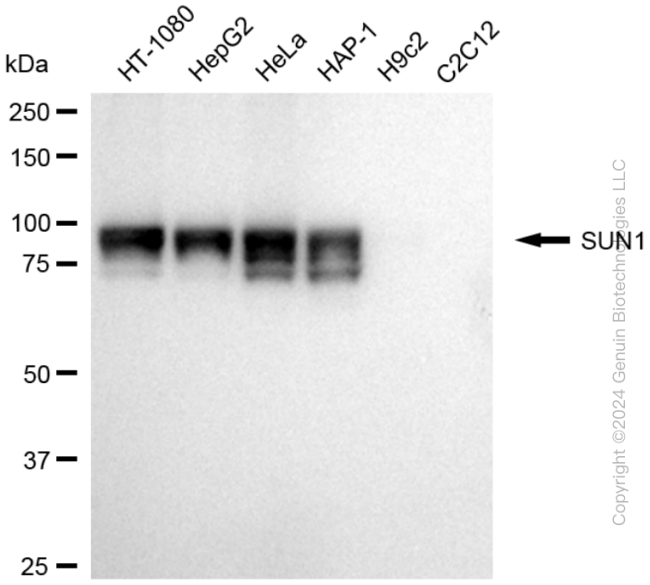

Western blotting analysis using anti-SUN1 antibody (Cat#ABG1750). Total cell lysates (20 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-SUN1 antibody (Cat#ABG1750, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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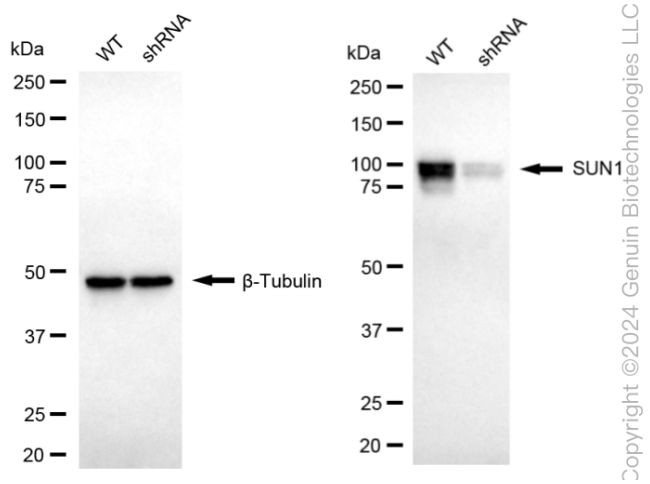

Western blotting analysis using anti-SUN1 antibody (Cat#ABG1750). SUN1 expression in wild-type (WT) and SUN1 shRNA knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-SUN1 antibody (Cat#ABG1750, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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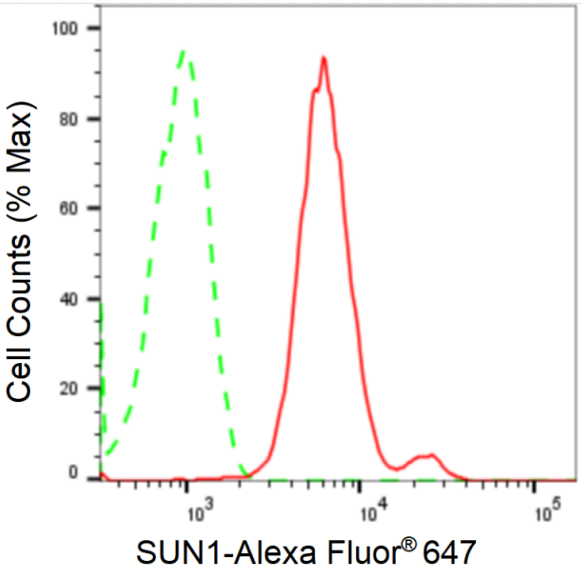

Flow cytometric analysis of SUN1 expression in HepG2 cells using anti-SUN1 antibody (Cat#ABG1750, 1:2,000). Green, isotype control; red, SUN1.

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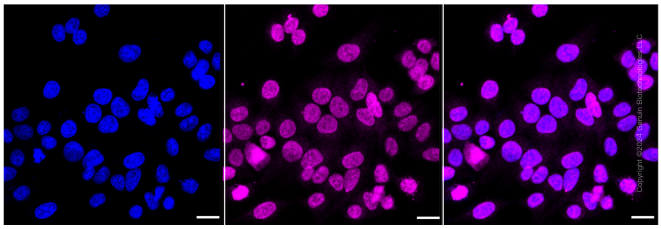

Immunocytochemical staining of H9C2 cells with anti-SUN1 antibody (Cat#ABG1750, 1:1,000). Nuclei were stained blue with DAPI; SUN1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.