
Product Name: KD-Validated SUN1 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA00851**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 90.1kDa

Antigen Information

Gene Name	SUN1 SUN1; Sad1 And UNC84 Domain Containing 1; KIAA0810; UNC84A; SUN Domain-Containing
Alternative Names	Protein 1; Sad1 Unc-84 Domain Protein 1; Sad1/Unc-84 Protein-Like 1; Protein Unc-84 Homolog A; FLJ12407; Unc-84 Homolog A (C. Elegans); Unc-84 Homolog A
Gene ID	23353.0
SwissProt ID	O94901
Immunogen	A synthesized peptide derived from human SUN1

Background

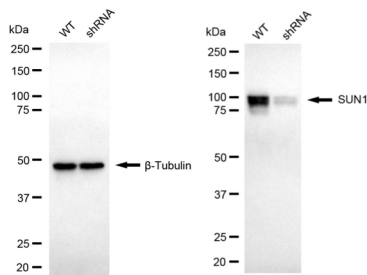
This gene is a member of the unc-84 homolog family and encodes a nuclear envelope protein with an Unc84 (SUN) domain. The protein is involved in nuclear anchorage and migration. Alternatively spliced transcript variants have been described. [provided]

by RefSeq, Jan 2019]

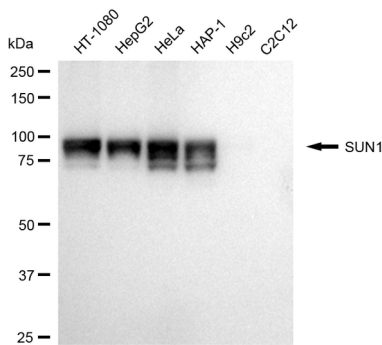
Research Area

Tags & Cell Markers, Epigenetics and Nuclear Signaling

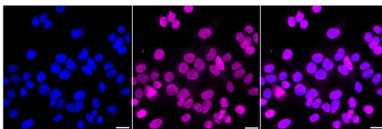
Image Data



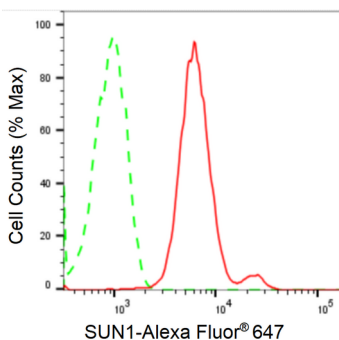
Western blotting analysis using SUN1 antibody (KVA00851). SUN1 expression in wild-type (WT) and SUN1 shRNA knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with SUN1 antibody (KVA00851, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using SUN1 antibody (KVA00851). Total cell lysates (20 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with SUN1 antibody (KVA00851, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of H9C2 cells with SUN1 antibody (KVA00851, 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.



Flow cytometric analysis of SUN1 expression in HepG2 cells using SUN1 antibody (KVA00851, 1:2,000). Green, isotype control; red, SUN1.