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anti-SUN2 antibody



Images



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Overview

Quantity:	100 μL
Target:	SUN2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SUN2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (IHC)

Product Details

Purpose:	SUN2 Rabbit pAb
Immunogen:	Recombinant protein of human SUN2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	SUN2
Alternative Name:	SUN2 (SUN2 Products)
Background:	SUN1 (MIM 607723) and SUN2 are inner nuclear membrane (INM) proteins that play a major

role in nuclear-cytoplasmic connection by formation of a 'bridge' across the nuclear envelope,
known as the LINC complex, via interaction with the conserved luminal KASH domain of
nesprins (e.g., SYNE1; MIM 608441) located in the outer nuclear membrane (ONM). The LINC
complex provides a direct connection between the nuclear lamina and the cytoskeleton, which
contributes to nuclear positioning and cellular rigidity (summary by Haque et al., 2010 [PubMed
19933576]).,SUN2;UNC84B,Signal Transduction,Cell Biology & Developmental
Biology, Apoptosis, Cytoskeleton, Microfilaments, SUN2

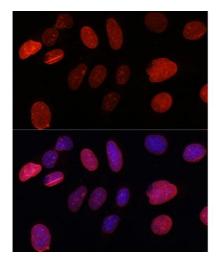
Molecular Weight:	79kDa/80kDa/82kDa
Gene ID:	25777
UniProt:	Q9UH99
Pathways:	Maintenance of Protein Location, SARS-CoV-2 Protein Interactome, The Global Phosphorylation Landscape of SARS-CoV-2 Infection

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

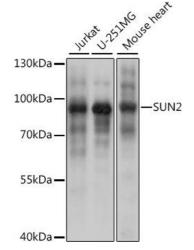
Handling

9	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



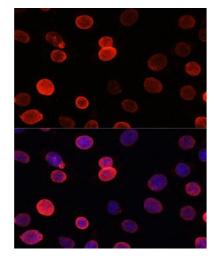
Immunofluorescence

Image 1. Immunofluorescence analysis of U-2 OS cells using SUN2 antibody (ABIN7270136) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using SUN2 antibody (ABIN7270136) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.



Immunofluorescence

Image 3. Immunofluorescence analysis of C6 cells using SUN2 antibody (ABIN7270136) at dilution of 1:100. Blue: DAPI for nuclear staining.

Please check the product details page for more images. Overall 5 images are available for ABIN7270136.