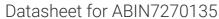
antibodies -online.com





anti-SUN2 antibody

4 Images



Go to Product page

Overview

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

Product Details

Purpose:	SUN2 Rabbit mAb
Immunogen:	A synthesized peptide derived from human SUN2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal 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]).[supplied by OMIM, Nov 2010],UNC84B,Apoptosis,Cell Biology & Developmental Biology,Cytoskeleton,Cytoskeleton_Microfilaments,Signal Transduction,SUN2

Molecular Weight: 80kDa

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

Restrictions: For Research Use only

Handling

Format:

Liquid

Buffer:

PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative:

Sodium azide

Precaution of Use:

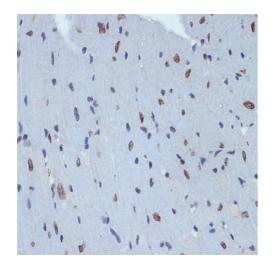
This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage:

-20 °C

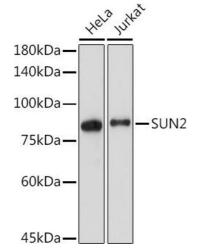
Storage Comment:

Store at -20°C. Avoid freeze / thaw cycles.



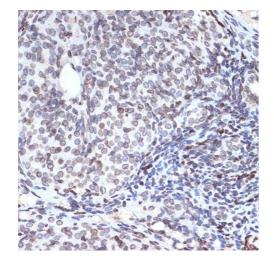
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded mouse heart using SUN2 Rabbit mAb (ABIN7270135) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using SUN2 antibody (ABIN7270135) at 1:2000 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 Enhanced Kit (RM00021). Exposure time: 60s.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded rat ovary using SUN2 Rabbit mAb (ABIN7270135) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Please check the product details page for more images. Overall 4 images are available for ABIN7270135.