

Rabbit SUN2 Polyclonal Antibody | anti-SUN2 antibody

SUN2 Polyclonal Antibody

CATALOG # AAA177362	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence
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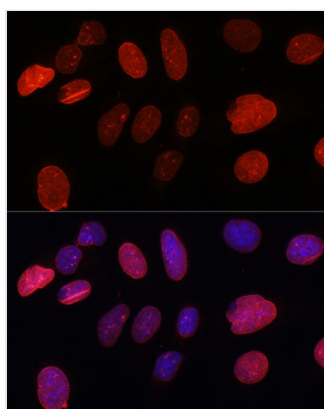
PRODUCT SYNONYMS

SUN2; Polyclonal Antibody; SUN2 Polyclonal Antibody; UNC84B; anti-SUN2 antibody

PRODUCT SPECIFICATIONS

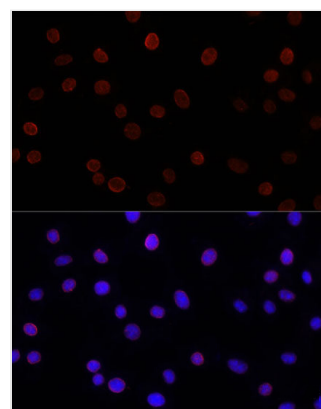
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-SUN2 antibody	IF (Immunofluorescence)
Immunogen	Recombinant protein of human SUN2
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



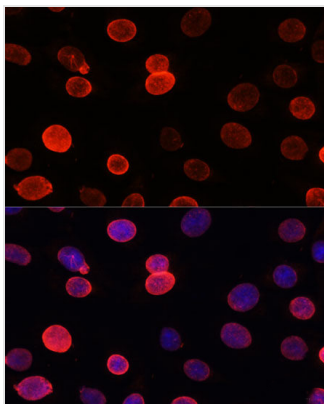
IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using SUN2 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using SUN2 Polyclonal Antibody at dilution of 1:200. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using SUN2 Polyclonal Antibody at dilution of 1:100.

Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-SUN2 antibody	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]).
Product Categories/Family for anti-SUN2 antibody	Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	313760645
NCBI GeneID	25777
NCBI Accession #	NP_001186509.1
NCBI GenBank Nucleotide #	NM_001199580.1
UniProt Accession #	Q9UHH9 ; O75156 ; Q2NKN8 ; Q2T9F7 ; Q504T5 ; Q6B4H1 ; Q7Z3E3 ; B0QY62
Molecular Weight	79,612 Da
NCBI Official Full Name	SUN domain-containing protein 2 isoform b
NCBI Official Synonym Full Names	Sad1 and UNC84 domain containing 2
NCBI Official Symbol	SUN2
NCBI Official Synonym Symbols	UNC84B
NCBI Protein Information	SUN domain-containing protein 2; Sad1 unc-84 domain protein 2; nuclear envelope protein; protein unc-84 homolog B; rab5-interacting protein; rab5IP; sad1/unc-84 protein-like 2
UniProt Protein Name	SUN domain-containing protein 2
UniProt Gene Name	SUN2
UniProt Synonym Gene Names	FRIGG; KIAA0668; RAB5IP; UNC84B; Rab5IP
UniProt Entry Name	SUN2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

