

## SUN2 Recombinant Rabbit mAb

Catalog: BS47890

Host: Rabbit

Reactivity: Human, Mouse, Rat

### 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]

### Product:

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

### Molecular Weight:

80 kDa

### Swiss-Prot:

Q9UH99

### Purification&Purity:

Affinity Purification

### Applications:

WB: 1:2000  
IHC: 1:100  
ICC/IF: 1:100  
FC: 1:20

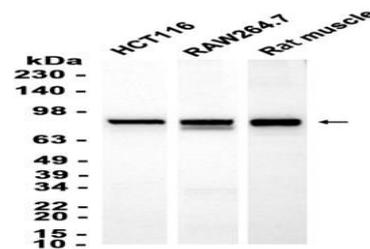
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Isotype:

IgG

### DATA:



Western blot analysis of extracts from HCT116, RAW264.7 cells and Rat muscle tissue at 1:2000.

### Note:

For research use only, not for use in diagnostic procedure.

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