

SUN2 polyclonal antibody

Catalog: BS9957M

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

SUN2 (sad1/unc-84 protein-like 2), also known as UNC84B (unc-84 homolog B), FRIGG, KIAA0668 or RAB5IP, is a 717 amino acid single-pass membrane protein that contains one SUN domain and localizes to the membrane of both the nucleus and the endosome. Widely expressed in a variety of tissues, including lung, muscle and heart, SUN2 interacts with Rab 5A and may play a role in homotypic endosome fusion. The gene encoding SUN2 maps to human chromosome 22, which houses over 500 genes and is the second smallest human chromosome.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 80 kDa

Swiss-Prot:

Q9UH99

Purification&Purity:

Protein A affinity purified.

Applications:

WB: 1:500-1:2000 IHC: 1:50-1:200

FC: 1:50-1:100 ICC/IF: 1:50-1:100

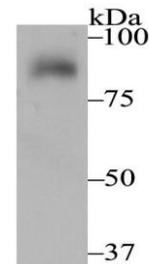
Storage&Stability:

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

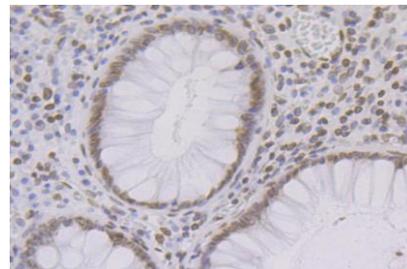
Specificity:

This antibody detects endogenous levels of SUN2 and does not cross-react with related proteins.

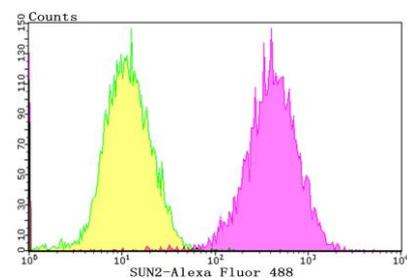
DATA:



Western blot analysis of SUN2 on rat kidney tissue lysate using anti-SUN2 antibody at 1:2000 dilution.



Immunohistochemical analysis of paraffin-embedded human colon tissue using anti-SUN2 antibody. Counter stained with hematoxylin.



Flow cytometric analysis of SK-Br-3 cells with SUN2 antibody at 1/100 dilution (purple) compared with an unlabelled control (cells without incubation with primary antibody; yellow). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.

Note:

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

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