

SUN2 polyclonal antibody

Catalog: BS91303

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. Mutations in several of the genes that map to chromosome 22 are involved in the development of Phe-lan-McDermid syndrome, Neurofibromatosis type 2, autism and schizophrenia. Additionally, translocations between chromosomes 9 and 22 may lead to the formation of the Philadelphia Chromosome and the subsequent production of the novel fusion protein BCR-Abl, a potent cell proliferation activator found in several types of leukemias.

Product:

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

Molecular Weight:

80 kDa

Swiss-Prot:

Q9UH99(Human) Q8BJS4(Mouse)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:500-1:2,000

IHC:1:50-1:200

FC:1:50-1:100

ICC/IF:1:50-1:100

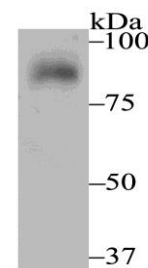
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C. Avoid repeated freeze / thaw cycles.

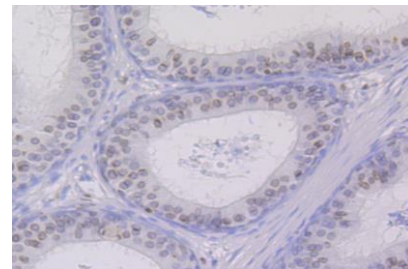
Specificity:

SUN2 polyclonal antibody detects endogenous levels of SUN2 protein.

DATA:



Western blot analysis of SUN2 on rat kidney tissue lysate using anti-SUN2 antibody at 1/2,000 dilution.



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

Note:

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

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