
SFT2B Rabbit pAb

Catalog Number: bs-17304R

Target Protein: SFT2B

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ICC/IF (1:100-500)

Reactivity: (predicted:Human, Mouse, Rat, Rabbit, Sheep)

Predicted MW: 18 kDa

Entrez Gene: 375035

Swiss Prot: O95562

Source: KLH conjugated synthetic peptide derived from human SFT2B: 1-100/160.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: SFT2D2 is a 160 amino acid multi-pass membrane protein that belongs to the SFT2 family. SFT2D2 may be involved in fusion of retrograde transport vesicles derived from an endocytic compartment with the Golgi complex. The SFT2D2 gene is conserved in dog, cow, mouse, rat, chicken, A.thaliana and rice, and maps to human chromosome 1q24.2. Chromosome 1 is the largest human chromosome spanning about 260 million base pairs and making up 8% of the human genome. The MUTYH gene is located on chromosome 1 and is partially responsible for familial adenomatous polyposis. Stickler syndrome, Parkinsons, Gaucher disease and Usher syndrome are also associated with chromosome 1. A breakpoint has been identified in 1q which disrupts the DISC1 gene and is linked to schizophrenia. Aberrations in chromosome 1 are found in a variety of cancers including head and neck cancer, malignant melanoma and multiple myeloma.