FRS2 polyclonal antibody

Catalog: BS67452 Host: Rabbit Reactivity: Human, Mouse, Rat

BackGround:

Fibroblast growth factor receptor substrate 2 (FRS2, also called Suc-associated neurotrophic factor-induced tyrosine-phosphorylated target or SNT) participates in the transmission of extracellular signals from the fibroblast growth factor receptor (FGFR). Activation of the FGFR leads to tyrosine phosphorylation of FRS2 . Two FRS2 family members have been identified, FRS2-alpha (SNT1) and FRS2-beta (SNT2), which are phosphorylated by these RTKs. Once they are phosphorylated, they recruit SH2 domain-containing proteins including Grb2 and SHP-2 , mediating downstream signaling. Tyr436 is required for efficient SHP-2 recruitment , whereas Tyr196 functions as a docking site for Grb2-Sos complexes.

Product:

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~ 60 kDa

Swiss-Prot:

Q8WU20

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), IHC (1/50 - 1/200)

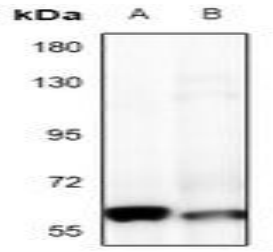
Storage&Stability:

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

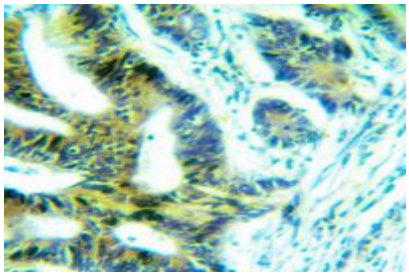
Specificity:

Recognizes endogenous levels of FRS2 protein.

DATA:



Western blot analysis of FRS2 expression in U87MG (A), H9C2 (B) whole cell lysates.



Immunohistochemical analysis of FRS2 staining in human colorectal cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Note:

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

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