

**C20orf194 polyclonal antibody**

Catalog: BS35157

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Dynein axonemal assembly factor that regulates the transport and activation of ciliary outer dynein arms (ODAs), which are the main force generators in cilia. Essential for cilia movement and motility. Inhibits dyneins by reducing the affinity of ODAs for microtubules and hence inactivating the dyneins in the cytoplasm; the inhibition is relieved once dyneins enter the cilia (By similarity). May act as an effector for ARL3

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~132 kDa

Swiss-Prot:

Q5TEA3

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

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

Specificity:

Recognizes endogenous levels of C20orf194 protein

DATA:

Western blot analysis of SRP72 expression in HEK293 (A) whole cell lysates.

Immunofluorescent analysis of SRP72 staining in HEK293 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Note:

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

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