



CEP19 polyclonal antibody

Catalog: BS34498

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Centrosomal protein of 19 kDa: Required for ciliation . Recruits the RABL2B GTPase to the ciliary base to initiate ciliation. After specifically capturing the activated GTP-bound RABL2B, the CEP19-RABL2B complex binds intraflagellar transport (IFT) complex B from the large pool pre-docked at the base of the cilium and thus triggers its entry into the cilia . Involved in the early steps in cilia formation by recruiting the ciliary vesicles (CVs) to the distal end of the mother centriole where they fuse to initiate cilium assembly. Involved in microtubule (MT) anchoring to the centrosomes

Product:

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

Molecular Weight:

~19.2 kDa

Swiss-Prot:

Q96LK0

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 CEP19 protein

DATA:

Western blot analysis of MMP3 expression in mouse kidney (A), rat kidney (B) whole cell lysates.

Note:

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

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