CEP170 polyclonal antibody

Catalog: BS61661 Host: Rabbit Reactivity: Human

BackGround:

Centrosomal protein 170kDa, also known as CEP170, is a protein that in humans is encoded by the CEP170 geneThe product of this gene is a component of the centrosome, a non-membraneous organelle that functions as the major microtubule-organizing center in animal cells. During interphase, the encoded protein localizes to the sub-distal appendages of mature centrioles, which are microtubule-based structures thought to help organize centrosomes. During mitosis, the protein associates with spindle microtubules near the centrosomes. The protein interacts with the intraflagellar transport protein 81 (IFT81), the SH3-domain containing protein PRAX-1, and is phosphorylated by cyclin dependent kinase 1 (Cdk1) and polo-like kinase 1 (PLK1), and functions in maintaining Microtubule organization, cell morphology and cilium stability.

Product:

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

Molecular Weight:

~ 175 kDa

Swiss-Prot:

Q5SW79

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

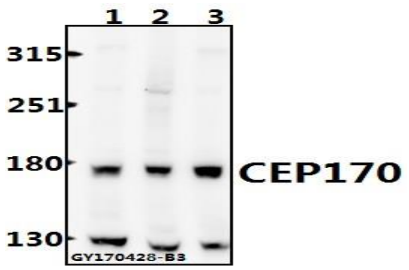
Storage&Stability:

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

Specificity:

CEP170 polyclonal antibody detects endogenous levels of CEP170 protein.

DATA:



Western blot (WB) analysis of CEP170 polyclonal antibody at 1:500 dilution

Lane1:L02 whole cell lysate(40ug)

Lane2:HEK293T whole cell lysate(40ug)

Lane3:A549 whole cell lysate(40ug)

Note:

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

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