

CEP41 polyclonal antibody

Catalog: BS60821

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Centrosomes are the major microtubule-organizing centers of mammalian cells. They are composed of a centriole pair and surrounding microtubule-nucleating material termed pericentriolar material (PCM). Bipolar mitotic spindle assembly relies on two intertwined processes: centriole duplication and centrosome maturation. Failure to properly orchestrate centrosome duplication and maturation is subsequently linked to spindle defects, which can result in aneuploidy and promote cancer progression. The CEP41 (centrosomal protein of 41 kDa) gene encodes a protein of 373 amino acids that is alternatively spliced into 4 isoforms. Isoforms 1 and 4 are expressed in testis, as well as in fetal brain and liver.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 15 kDa

Swiss-Prot:

Q9BYV8

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

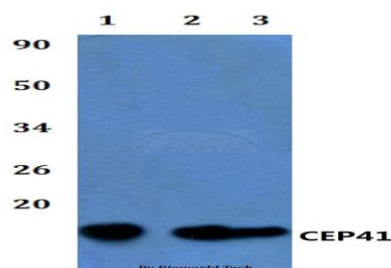
Storage&Stability:

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

Specificity:

CEP41 polyclonal antibody detects endogenous levels of CEP41 protein.

DATA:



Western blot (WB) analysis of CEP41 polyclonal antibody at 1:500 dilution

Lane1:Hela whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:PC12 whole cell lysate

Note:

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

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