CCDC141 polyclonal antibody

Catalog: BS31898 Host: Rabbit Reactivity: Human

BackGround:

Coiled-coil domain-containing protein 141: Plays a critical role in cortical radial and GnRH neurons migration during brain development. Regulates cortical radial migration by negatively controlling the activity of histone deacetylase 6 (HDAC6) and promotes centrosome maturation. CAMDI is required for dilation formation of cortical neurons during radial migration. Plays a critical role in learning and memory performance through regulation of AMPA-selective glutamate receptors (AMPARs) cell surface expression in competition with KIBRA

Product:

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

Molecular Weight:

~175 kDa

Swiss-Prot:

Q6ZP82

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

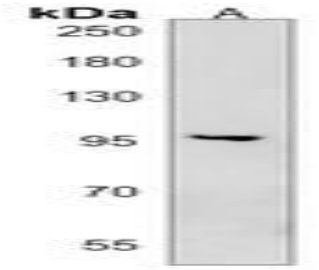
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of CCDC141 protein.

DATA:



Western blot analysis of CHK2 (Phospho-T68) expression in HEk293T (A), Hela (B), mouse lung (C), rat lung (D), rat kidney (E) whole cell lysates.

Immunohistochemical analysis of CHK2 (Phospho-T68) staining in human breast 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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