

**CCDC15 polyclonal antibody**

Catalog: BS33415

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Coiled-coil domain-containing protein 15: Plays an important role in primary cilium assembly, maintenance, and length regulation. Interacts with centriole inner scaffold proteins to promote proper centriole size and integrity and assembly of functional cilia. Required for the recruitment of both the inner scaffold protein POC1B and the distal SFI1/CETN2 complex to centrioles

Product:

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

Molecular Weight:

~110 kDa

Swiss-Prot:

Q0P6D6

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 CCDC15 protein

DATA:

Western blot analysis of ST18 expression in mouse kidney (A), rat stomach (B) whole cell lysates.

Immunohistochemical analysis of ST18 staining in human heart 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.

Immunofluorescent analysis of ST18 staining in A549 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 a Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

Note:

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

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