

**CHORDC1 polyclonal antibody**

Catalog: BS34852

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Cysteine and histidine-rich domain-containing protein 1: Regulates centrosome duplication, probably by inhibiting the kinase activity of ROCK2 . Proposed to act as co-chaperone for HSP90 . May play a role in the regulation of NOD1 via a HSP90 chaperone complex . In vitro, has intrinsic chaperone activity . This function may be achieved by inhibiting association of ROCK2 with NPM1 . Plays a role in ensuring the localization of the tyrosine kinase receptor EGFR to the plasma membrane, and thus ensures the subsequent regulation of EGFR activity and EGF-induced actin cytoskeleton remodeling . Involved in stress response . Prevents tumorigenesis

Product:

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

Molecular Weight:

~37.5 kDa

Swiss-Prot:

Q9UHD1

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 CHORDC1 protein

DATA:

Western blot analysis of Carboxypeptidase M expression in HeLa (A) whole cell lysates.

Immunohistochemical analysis of Carboxypeptidase M staining in human stomach 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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