

**ENKD1 polyclonal antibody**

Catalog: BS33897

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Enkurin domain-containing protein 1: Microtubule-binding protein which regulates microtubule organization and stability. Promotes the stability of astral microtubules and facilitates the proper orientation of the mitotic spindle. This allows the oriented division of basal keratinocytes and contributes to epidermal stratification (By similarity). Required for the assembly of both primary and motile cilia. Destabilizes the interaction between CCP110 and CEP97 by competing with CEP97 for binding to CCP110 which promotes the removal of CCP110 and CEP97 from the mother centriole and allows the initiation of ciliogenesis

Product:

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

Molecular Weight:

~38.8 kDa

Swiss-Prot:

Q9H0I2

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 ENKD1 protein

DATA:

Western blot analysis of MYBL2 (Phospho-S577) expression in MCF7 (A), HeLa (B), mouse liver (C), rat liver (D) whole cell lysates.

Immunofluorescent analysis of MYBL2 (Phospho-S577) staining in HeLa 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 AF594-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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