

**WDR54 polyclonal antibody**

Catalog: BS35549

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

WD repeat-containing protein 54: Plays a role in the adhesion and fusion of the sperm-oocyte membrane through its interactions with IZUMO1 and IZUMO1R/JUNO (By similarity). When cross-linked to form dimers and trimers, it has a regulatory effect on ERK signaling pathway activity in response to EGF stimulation. Colocalizes with the EGF receptor in WDR54-specific vesicle where it sustains the internalization and controls the degradation of the EGF receptor after EGF stimulation

Product:

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

Molecular Weight:

~35.9 kDa

Swiss-Prot:

Q9H977

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 WDR54 protein

DATA:

Western blot analysis of HSC70 expression in Hela (A), HepG2 (B), Raw264.7 (C), mouse brain (D), rat brain (E), rat liver (F) whole cell lysates.

Immunohistochemical analysis of HSC70 staining in mouse kidney 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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