

**PPFIA2 polyclonal antibody**

Catalog: BS35585

Host: Rabbit

Reactivity: Human, Mouse

**BackGround:**

Liprin-alpha-2: Alters PTPRF cellular localization and induces PTPRF clustering. May regulate the disassembly of focal adhesions. May localize receptor-like tyrosine phosphatases type 2A at specific sites on the plasma membrane, possibly regulating their interaction with the extracellular environment and their association with substrates. In neuronal cells, is a scaffolding protein in the dendritic spines which acts as immobile postsynaptic post able to recruit KIF1A-driven dense core vesicles to dendritic spines

**Product:**

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

**Molecular Weight:**

~143 kDa

**Swiss-Prot:**

O75334

**Purification&Purity:**

The antibody was purified by immunogen affinity chromatography.

**Applications:**

WB (1/500 - 1/1000), IHC (1/50 - 1/200)

**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 PPFIA2 protein

**DATA:**

Western blot analysis of NOP56 expression in HepG2 (A), Hela (B), A549 (C) whole cell lysates.

Immunohistochemical analysis of NOP56 staining in human placenta 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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