

**ARFIP2 polyclonal antibody**

Catalog: BS33748

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Arfaptin-2: Plays a role in constitutive metalloproteinase (MMP) secretion from the trans Golgi network . May have important functions during vesicle biogenesis at certain cargo subdomains, which could be predominantly utilized by secreted MMPs, such as MMP7 and MMP2 . Also involved in autophagy by regulating the starvation-dependent trafficking of ATG9A vesicles which deliver the phosphatidylinositol 4-kinase beta (PI4KB) to the autophagosome initiation site . Involved in phagophore growth during mitophagy by regulating ATG9A trafficking to mitochondria . In addition, plays a role in NF-kappa-B inhibition by interacting with IKBKB and IKBKG

Product:

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

Molecular Weight:

~37.9 kDa

Swiss-Prot:

P53365

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 ARFIP2 protein

DATA:

Western blot analysis of GLURD2 expression in zebrafish (A) whole cell lysates.

Immunofluorescent analysis of GLURD2 staining in HEK293T 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 DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Note:

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

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