

REPS2 polyclonal antibody

Catalog: BS31734

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

RalBP1-associated Eps domain-containing protein 2: Involved in ligand-dependent receptor mediated endocytosis of the EGF and insulin receptors as part of the Ral signaling pathway . By controlling growth factor receptors endocytosis may regulate cell survival . Through ASAP1 may regulate cell adhesion and migration

Product:

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

Molecular Weight:

~71.5 kDa

Swiss-Prot:

Q8NFH8

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

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

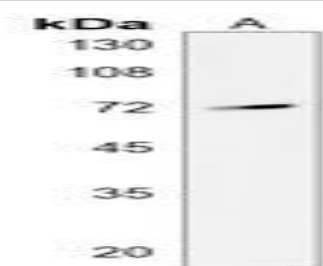
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

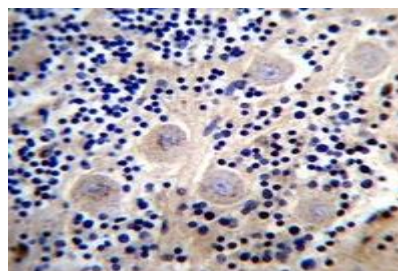
Recognizes endogenous levels of REPS2 protein.

DATA:



Western blot analysis of ATP1A1 expression in HeLa (A), HepG2 (B),

A431 (C) whole cell lysates.



Immunohistochemical analysis of ATP1A1 staining in human lung cancer 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.

Immunofluorescent analysis of ATP1A1 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 an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Flow cytometric analysis of HeLa cells using Anti-ATP1A1 Antibody (green) and negative control (red).

Note:

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

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