

DRA polyclonal antibody

Catalog: BS31325

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Chloride anion exchanger: Mediates chloride-bicarbonate exchange with a chloride bicarbonate stoichiometry of 2:1 in the intestinal epithelia . Plays a role in the chloride and bicarbonate homeostasis during sperm epididymal maturation and capacitation (By similarity)

Product:

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

Molecular Weight:

~84.5 kDa

Swiss-Prot:

P40879

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/2000)

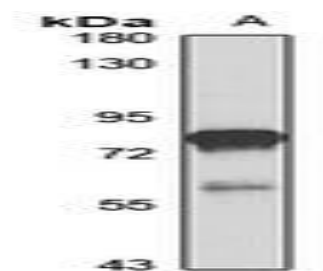
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of DRA protein

DATA:



Western blot analysis of PDPK1 expression in MCF7 (A), HeLa (B), K562 (C), U937 (D), A549 (E), NIH/3T3 (F), Jurkat (G), PC12 (H), COS7 (I) whole cell lysates.

Immunohistochemical analysis of PDPK1 staining in human bladder 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 PDPK1 staining in A549 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 A549 cells using Anti-PDPK1 Antibody (green) and negative control (red).

Note:

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

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