

**SLC26A1 polyclonal antibody**

Catalog: BS34100

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Sulfate anion transporter 1: Sodium-independent sulfate anion transporter. Can transport other anions including bicarbonate, thiosulfate and oxalate by mediating sulfate-thiosulfate, sulfate-hydrogencarbonate and sulfate-oxalate anion exchange. Mediates oxalate-hydrogencarbonate anion exchange (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:

~75.0 kDa

Swiss-Prot:

Q9H2B4

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 SLC26A1 protein

DATA:

Western blot analysis of Osteopontin expression in A549 (A), U87 (B), HepG2 (C), mouse liver (D), mouse kidney (E), rat liver (F), rat spleen whole cell lysates.

Immunohistochemical analysis of Osteopontin staining in human 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.

Immunofluorescent analysis of Osteopontin 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).

Note:

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

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