



PRODUCT DATA SHEET

Bioworld Technology, Inc.

SLC5A4 polyclonal antibody

Catalog: BS32577

Host: Rabbit

Reactivity: Human

BackGround:

Probable glucose sensor protein SLC5A4: Does not function as sodium/D-glucose symporter. However, may function as a D-glucose sensor by generating a D-glucose-induced depolarization which is pH-independent, Na(+)-dependent at neutral pH and probably H(+)-dependent at acidic pH

Product:

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

Molecular Weight:

~72.5 kDa

Swiss-Prot:

Q9NY91

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

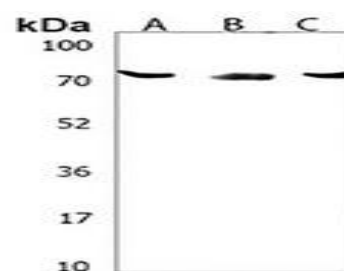
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of SLC5A4 protein.

DATA:



Western blot analysis of CD42c expression in mouse testis (A), mouse heart (B), rat testis (C), rat heart (D) whole cell lysates.

Immunofluorescent analysis of CD42c staining in MCF7 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 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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