



SLC6A13 polyclonal antibody

Catalog: BS33070

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Sodium- and chloride-dependent GABA transporter 2: Mediates sodium- and chloride-dependent transport of gamma-aminobutyric acid (GABA) . Mediates transport of beta-alanine . Can also mediate transport of taurine and hypotaurine (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:

~68.0 kDa

Swiss-Prot:

Q9NSD5

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 SLC6A13 protein

DATA:

Western blot analysis of Collagen 6 alpha 2 expression in Hela (A), U2OS (B), mouse lung (C), mouse kidney (D), rat lung (E), rat kidney (F) whole cell lysates.

Immunohistochemical analysis of Collagen 6 alpha 2 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 Collagen 6 alpha 2 staining in HT29 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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