



PRODUCT DATA SHEET

Bioworld Technology, Inc.

SLC45A4 polyclonal antibody

Catalog: BS33452

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Polyamine-transporter SLC45A4: Neuronal polyamine-transporter involved in pain perception. Transports polyamines such as putrescine, cadaverine, spermine and spermidine. Expressed in sensory neuron subtypes within the dorsal root ganglion, where it regulates the excitability of C-polymodal nociceptors by mediating polyamine transport (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:

~83.9 kDa

Swiss-Prot:

Q5BKX6

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 SLC45A4 protein

DATA:

Western blot analysis of MSK1 (Phospho-S212) expression in SHSY5Y (A), NIH3T3 (B) whole cell lysates.

Immunohistochemical analysis of MSK1 (Phospho-S212) staining in human prostate 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.

Note:

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

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