



PRODUCT DATA SHEET

Bioworld Technology, Inc.

SLC5A10 polyclonal antibody

Catalog: BS35125

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Sodium/mannose cotransporter SLC5A10: Electrogenic Na⁺-coupled sugar symporter that actively transports D-mannose or D-fructose at the plasma membrane, with a Na⁺ to sugar coupling ratio of 1:1. Transporter activity is driven by a transmembrane Na⁺ electrochemical gradient set by the Na⁺/K⁺ pump. Exclusively recognizes sugar substrates having a pyranose ring with an axial hydroxyl group on carbon 2. Has likely evolved to enable renal reabsorption of D-mannose, an important constituent of oligosaccharide chains of glycoproteins. Contributes to dietary D-fructose reabsorption from glomerular filtrate across the brush border of the kidney

Product:

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

Molecular Weight:

~64.3 kDa

Swiss-Prot:

A0PJK1

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 SLC5A10 protein

DATA:

Note:

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

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