



PRODUCT DATA SHEET

Bioworld Technology, Inc.

SLC13A3 polyclonal antibody

Catalog: BS31320

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Na(+)/dicarboxylate cotransporter 3: High-affinity sodium-dicarboxylate cotransporter that accepts a range of substrates with 4-6 carbon atoms, such as the citric acid cycle intermediates succinate and alpha-ketoglutarate (2-oxoglutarate), as well as other compounds including N-acetyl-L-aspartate. Transports the dicarboxylate into the cell with a probable stoichiometry of 3 Na(+) for 1 divalent dicarboxylate, rendering the process electrogenic. Can transport citrate in a Na(+)-dependent manner, recognizing the divalent form of citrate rather than the trivalent form which is normally found in blood. Imports itaconate in hepatocytes leading to activation of TFEB-dependent lysosomal biogenesis involved in anti-bacterial innate immune response

Product:

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

Molecular Weight:

~66.8 kDa

Swiss-Prot:

Q8WWT9

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/2000)

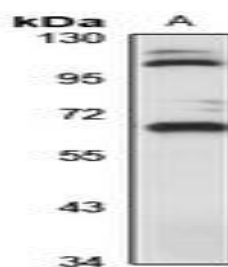
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of SLC13A3 protein

DATA:



Western blot analysis of Gelsolin expression in RAW264.7 (A) whole cell lysates.

Note:

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

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