



PRODUCT DATA SHEET

Bioworld Technology, Inc.

SLC25A45 polyclonal antibody

Catalog: BS33770

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Methylated amino-acid transporter SLC25A45: Mitochondrial transporter that specifically mediates the mitochondrial uptake of dimethylarginine and trimethyllysine amino acids, and which is required for carnitine biosynthesis. Involved in carnitine biosynthesis by mediating the mitochondrial import of trimethyllysine, a precursor for carnitine biosynthesis. Transports both symmetric and asymmetric dimethylarginine. Does not transport unmethylated arginine and lysine

Product:

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

Molecular Weight:

~31.9 kDa

Swiss-Prot:

Q8N413

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 SLC25A45 protein

DATA:

Western blot analysis of ATP8 expression in HepG2 (A), mouse brain (B), rat stomach (C) whole cell lysates.

Note:

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

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