



PRODUCT DATA SHEET

Bioworld Technology, Inc.

SFXN5 polyclonal antibody

Catalog: BS33640

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Sideroflexin-5: Mitochondrial amino-acid transporter (By similarity). Transports citrate (By similarity). Does not act as a serine transporter: not able to mediate transport of serine into mitochondria (By similarity). In brown adipose tissue, plays a role in the regulation of UCP1-dependent thermogenesis probably by supporting mitochondrial glycerol-3-phosphate utilization (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:

~37.1 kDa

Swiss-Prot:

Q8TD22

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 SFXN5 protein

DATA:

Western blot analysis of c-Jun expression in 293T (A), HeLa (B), NIH3T3 (C) whole cell lysates.

Immunohistochemical analysis of c-Jun staining in human breast 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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