

MCT11 polyclonal antibody

Catalog: BS31147

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Monocarboxylate transporter 11: Proton-linked monocarboxylate transporter. It catalyzes the transport of pyruvate across the plasma membrane. Probably involved in hepatic lipid metabolism: overexpression results in an increase of triacylglycerol (TAG) levels, small increases in intracellular diacylglycerols and decreases in lysophosphatidylcholine, cholesterol ester and sphingomyelin lipids

Product:

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

Molecular Weight:

~45.0 kDa

Swiss-Prot:

Q8NCK7

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/2000)

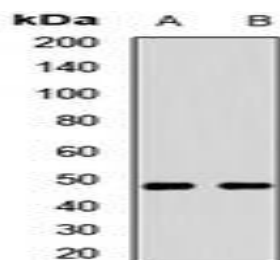
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of MCT11 protein.

DATA:



Western blot analysis of p53 (Phospho-S20) expression in HCT116 (A), COS7 (B) whole cell lysates.

Immunohistochemical analysis of p53 (Phospho-S20) staining in human ovarian 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.

Immunofluorescent analysis of p53 (Phospho-S20) staining in HCT116 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

Note:

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

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