



PRODUCT DATA SHEET

Bioworld Technology, Inc.

MTLN polyclonal antibody

Catalog: BS35864

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Mitoregulin: Positively regulates mitochondrial complex assembly and/or stability (By similarity). Increases mitochondrial membrane potential while decreasing mitochondrial reactive oxygen species. Increases mitochondrial respiration rate. Increased mitochondrial respiratory activity promotes myogenic differentiation which facilitates muscle growth and regeneration (By similarity). Increases mitochondrial calcium retention capacity. Plays a role in maintenance of cellular lipid composition through its interaction with cytochrome b5 reductase CYB5R3 which is required for mitochondrial respiratory complex I activity (By similarity). Interacts with the mitochondrial trifunctional enzyme complex (MTE) and enhances fatty acid beta-oxidation. Not required for MTE formation or stability (By similarity). Modulates triglyceride clearance in adipocytes through its role in regulating fatty acid beta-oxid...

Product:

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

Molecular Weight:

~6.53 kDa

Swiss-Prot:

Q8NCU8

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 MTLN protein

DATA:

Western blot analysis of p53 (Acetyl-K370) expression in Jurkat (A), rat heart (B) whole cell lysates.

Note:

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

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