



PRODUCT DATA SHEET

Bioworld Technology, Inc.

LACTB polyclonal antibody

Catalog: BS34477

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Serine beta-lactamase-like protein LACTB, mitochondrial: Mitochondrial serine protease that acts as a regulator of mitochondrial lipid metabolism. Acts by decreasing protein levels of PISD, a mitochondrial enzyme that converts phosphatidylserine (PtdSer) to phosphatidylethanolamine (PtdEtn), thereby affecting mitochondrial lipid metabolism. It is unclear whether it acts directly by mediating proteolysis of PISD or by mediating proteolysis of another lipid metabolism protein. Acts as a tumor suppressor that has the ability to inhibit proliferation of multiple types of breast cancer cells: probably by promoting decreased levels of PISD, thereby affecting mitochondrial lipid metabolism.

Product:

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

Molecular Weight:

~60.7 kDa

Swiss-Prot:

P83111

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 LACTB protein

DATA:

Western blot analysis of LIAS expression in mouse heart (A), rat heart (B) whole cell lysates.

Note:

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

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