



PRODUCT DATA SHEET

Bioworld Technology, Inc.

MECR polyclonal antibody

Catalog: BS32254

Host: Rabbit

Reactivity: Human

BackGround:

Enoyl-[acyl-carrier-protein] reductase, mitochondrial: Catalyzes the NADPH-dependent reduction of trans-2-enoyl thioesters in mitochondrial fatty acid synthesis (fatty acid synthesis type II). Fatty acid chain elongation in mitochondria uses acyl carrier protein (ACP) as an acyl group carrier, but the enzyme accepts both ACP and CoA thioesters as substrates in vitro. Displays a preference for medium-chain over short- and long-chain substrates. May provide the octanoyl chain used for lipoic acid biosynthesis, regulating protein lipoylation and mitochondrial respiratory activity particularly in Purkinje cells (By similarity). Involved in iron homeostasis; affecting Fe-S cluster assembly and ceramide metabolism. Required for proper morphology and bioenergetic functions of mitochondria. Required for maintenance of neurons (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:

~40.5 kDa

Swiss-Prot:

Q9BV79

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

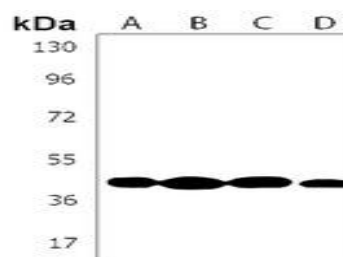
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of MECR protein.

DATA:



Western blot analysis of Histone H2A.Z expression in DLD (A) whole cell lysates.

Note:

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

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