



PRODUCT DATA SHEET

Bioworld Technology, Inc.

DDHD2 polyclonal antibody

Catalog: BS34517

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Triacylglycerol hydrolase DDHD2: Diacylglycerol (DAG) and triacylglycerol (TAG) lipase required for proper lipid homeostasis in the central nervous system. It cooperates with PNPLA2/ATGL in neuronal TAG catabolism and hydrolyzes sn-1,3 DAG downstream of PNPLA2/ATGL (By similarity). In vitro, it also acts as a phospholipase that hydrolyzes preferentially phosphatidic acids, including 1,2-dioleoyl-sn-phosphatidic acid, phosphatidylcholine and phosphatidylethanolamine. Specifically binds to phosphatidylinositol 3-phosphate (PI(3)P), phosphatidylinositol 4-phosphate (PI(4)P), phosphatidylinositol 5-phosphate (PI(5)P) and possibly phosphatidylinositol 4,5-bisphosphate (PI(4,5)P₂). May be involved in the maintenance of the endoplasmic reticulum and/or Golgi structures. May regulate the transport between Golgi apparatus and plasma membrane

Product:

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

Molecular Weight:

~81.0 kDa

Swiss-Prot:

O94830

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 DDHD2 protein

DATA:

Note:

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

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