



## PRODUCT DATA SHEET

Bioworld Technology, Inc.

### MBOAT2 polyclonal antibody

Catalog: BS31998

Host: Rabbit

Reactivity: Human

#### BackGround:

Membrane-bound glycerophospholipid O-acyltransferase 2: Acyltransferase which catalyzes the transfer of an acyl group from an acyl-CoA to a lysophospholipid leading to the production of a phospholipid and participates in the reacylation step of the phospholipid remodeling pathway also known as the Lands cycle. Catalyzes preferentially the acylation of lysophosphatidylethanolamine (1-acyl-sn-glycero-3-phosphoethanolamine or LPE) and lysophosphatidic acid (LPA) and to a lesser extent lysophosphatidylcholine (LPC) and lysophosphatidylserine (LPS). Prefers oleoyl-CoA as the acyl donor. May be involved in chondrocyte differentiation (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:

~59.5 kDa

#### Swiss-Prot:

Q6ZWT7

#### Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

#### Applications:

WB (1/500 - 1/1000)

#### Storage&Stability:

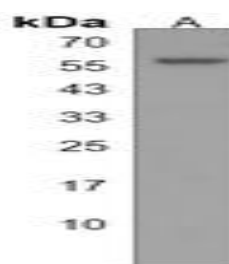
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

#### Specificity:

Recognizes endogenous levels of MBOAT2 protein.

#### DATA:



Western blot analysis of HPRT expression in SW480 (A), HT29 (B), Hela (C), mouse brain (D), mouse liver (E) whole cell lysates.

Immunofluorescent analysis of HPRT staining in U2OS 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 AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

#### Note:

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

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