

DGAT2 polyclonal antibody

Catalog: BS60142

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Acyl-coenzyme A: diacylglycerol acyltransferase, also known as DGAT1 and ARGP1, is a microsomal enzyme that assists in the synthesis of fatty acids into triglycerides. DGAT1 catalyzes the terminal and only committed step in triacylglycerol synthesis by using diacylglycerol (DAG) and fatty acyl CoA as substrates. DGAT1 plays a fundamental role in the metabolism of cellular diacylglycerol and is important in higher eukaryotes for physiologic processes involving triacylglycerol metabolism, such as intestinal fat absorption, lipoprotein assembly, adipose tissue formation and lactation. DGAT2, which has no homology to DGAT1, differs from DGAT1 in that its activity has been shown to be inhibited by MgCl in an in vitro assay. DGAT2 is expressed primarily in liver and white adipose tissue, which suggests that it plays an important role in mammalian triglyceride metabolism.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 44 kDa

Swiss-Prot:

Q96PD7

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

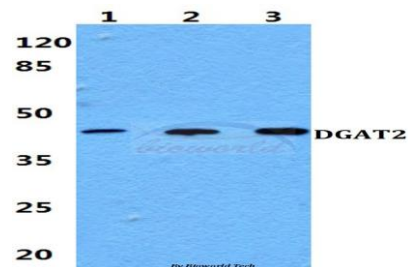
Storage&Stability:

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

Specificity:

DGAT2 polyclonal antibody detects endogenous levels of DGAT2 protein.

DATA:



Western blot (WB) analysis of DGAT2 pAb at 1:500 dilution

Lane1:C6 whole cell lysate(40ug)

Lane2:AML-12 whole cell lysate(40ug)

Lane3:A375 whole cell lysate(40ug)

Lane4:L02 whole cell lysate(40ug)

Lane5:HepG2 whole cell lysate(40ug)

Note:

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

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