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Datasheet for ABIN7149855

anti-DGAT1 antibody (AA 1-62) (Biotin)

Overview

Quantity:	100 µg
Target:	DGAT1
Binding Specificity:	AA 1-62
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DGAT1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Diacylglycerol O-acyltransferase 1 protein (1-62AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	DGAT1
Alternative Name:	DGAT1 (DGAT1 Products)
Background:	Background: Catalyzes the terminal and only committed step in triacylglycerol synthesis by using diacylglycerol and fatty acyl CoA as substrates. In contrast to DGAT2 it is not essential

Target Details

for survival. May be involved in VLDL (very low density lipoprotein) assembly. In liver, plays a role in esterifying exogenous fatty acids to glycerol. Functions as the major acyl-CoA retinol acyltransferase (ARAT) in the skin, where it acts to maintain retinoid homeostasis and prevent retinoid toxicity leading to skin and hair disorders.

Aliases: ACAT related gene product 1 antibody, ACAT-related gene product 1 antibody, Acyl coenzyme A:cholesterol acyltransferase related gene 1 antibody, Acyl-CoA retinol O-fatty-acyltransferase antibody, Acyl-CoA:diacylglycerol acyltransferase antibody, ARAT antibody, ARGP1 antibody, C75990 antibody, D15Ert23e antibody, Dgat antibody, DGAT1 antibody, DGAT1_HUMAN antibody, Diacylglycerol O acyltransferase 1 antibody, Diacylglycerol O-acyltransferase 1 antibody, DIAR7 antibody, Diglyceride acyltransferase antibody, EC 2.3.1.20 antibody, hCG_24006 antibody, MGC139064 antibody, Retinol O fatty acyltransferase antibody

UniProt: [O75907](#)

Pathways: [Hormone Transport](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.