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Datasheet for ABIN7149857

## anti-DGAT1 antibody (AA 1-62) (HRP)

### Overview

Quantity:	100 µg
Target:	DGAT1
Binding Specificity:	AA 1-62
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DGAT1 antibody is conjugated to HRP
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 ( <a href="#">DGAT1 Products</a> )
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.