

Datasheet for ABIN7190465

**anti-DGAT1 antibody**

3 Images

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## Overview

Quantity:	100 µL
Target:	DGAT1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DGAT1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Synthetic peptide of Human DGAT1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antigen affinity purification

## Target Details

Target:	DGAT1
Alternative Name:	DGAT1 ( <a href="#">DGAT1 Products</a> )
Background:	Background: This gene encodes an multipass transmembrane protein that functions as a key metabolic enzyme. The encoded protein catalyzes the conversion of diacylglycerol and fatty acyl CoA to triacylglycerol. This enzyme can also transfer acyl CoA to retinol. Activity of this protein may be associated with obesity and other metabolic diseases

## Target Details

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, D15Ertd23e 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: [075907](#)

Pathways: [Hormone Transport](#)

## Application Details

Application Notes: ELISA:1:2000-1:5000, WB:1:500-1:2000, IHC:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

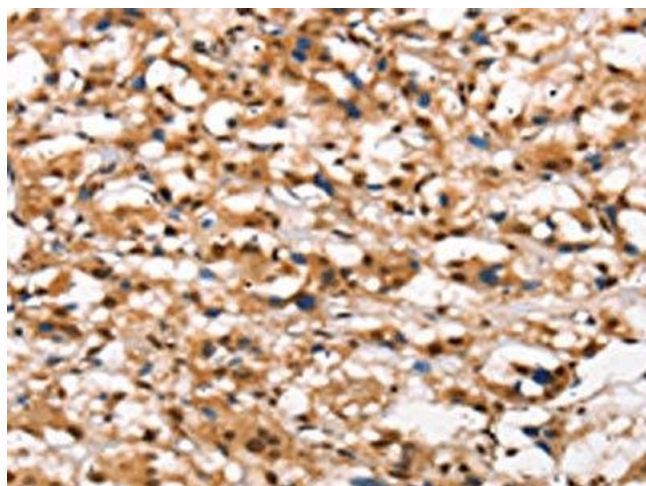
Buffer: -20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: 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.



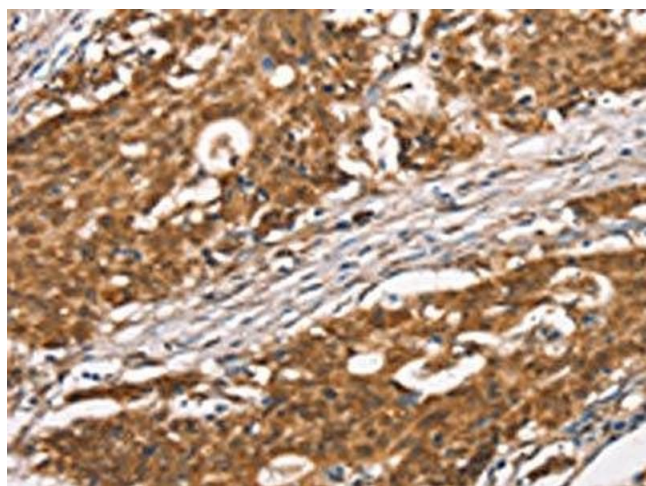
#### Immunohistochemistry

**Image 1.** The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ABIN7190465(DGAT1 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: x200)



#### Western Blotting

**Image 2.** Gel: 10 % SDS-PAGE, Lysate: 40 µg, Lane: Mouse heart tissue, Primary antibody: ABIN7190465(DGAT1 Antibody) at dilution 1/1400, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 40 seconds



#### Immunohistochemistry

**Image 3.** The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using ABIN7190465(DGAT1 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: x200)