


Product datasheet

Anti-DGAT1 antibody ab54037

[18 References](#) [1 Image](#)

Overview

Product name	Anti-DGAT1 antibody
Description	Rabbit polyclonal to DGAT1
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Rat, Cow, Zebrafish 
Immunogen	A synthetic peptide designed within residues 200-300 of human DGAT1.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.40 Preservative: 0.05% Sodium azide Constituents: 0.87% Sodium chloride, Tris glycine
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

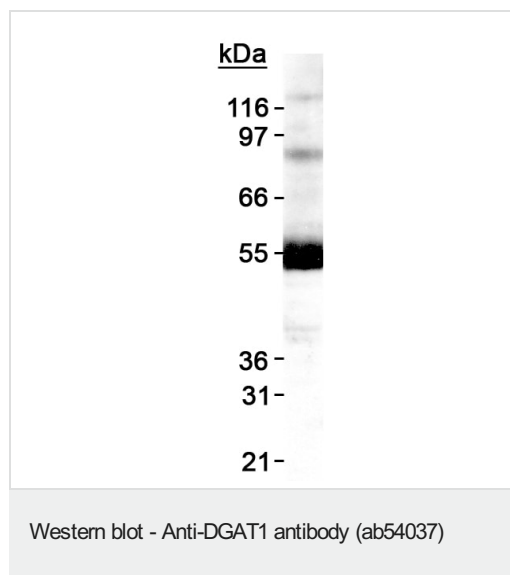
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab54037 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 2 µg/ml. Detects a band of approximately 55 kDa (predicted molecular weight: 55 kDa).

Target

Function	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 for survival. May be involved in VLDL (very low density lipoprotein) assembly.
Pathway	Lipid metabolism; glycerolipid metabolism.
Sequence similarities	Belongs to the membrane-bound acyltransferase family. Sterol o-acyltransferase subfamily.
Cellular localization	Endoplasmic reticulum membrane.

Images



Anti-DGAT1 antibody (ab54037) at 2 µg/ml + HepG2 lysate

Predicted band size: 55 kDa

Observed band size: 55 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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