# abcam

## Product datasheet

## Anti-DGAT1 antibody ab100982

1 References 画像数 1

製品の概要

製品名 Anti-DGAT1 antibody

製品の詳細 Rabbit polyclonal to DGAT1

由来種 Rabbit

**アプリケーション 適用あり**: WB

種交差性 交差種: Human

交差が予測される動物種: Mouse, Rat, Cow, Pig 🔥

免疫原 Synthetic peptide corresponding to Human DGAT1 aa 50-150 conjugated to keyhole limpet

haemocyanin.

(Peptide available as ab111783)

ポジティブ・コントロール This antibody gave a positive signal in Caco2 whole cell lysate.

特記事項 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.

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

製品の特性

製品の状態 Liquid

保存方法 Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -

80°C. Avoid freeze / thaw cycle.

**バッファー** pH: 7.40

Preservative: 0.02% Sodium azide

Constituent: PBS

Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising

agent. If you would like information about the formulation of a specific lot, please contact our

scientific support team who will be happy to help.

精製度 Immunogen affinity purified

1

#### アプリケーション

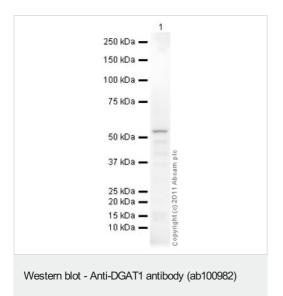
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| アプリケーション | Abreviews | 特記事項   |
|----------|-----------|--|
| WB       |           | Use a concentration of 1 µg/ml. Detects a band of approximately 55 kDa (predicted molecular weight: 55 kDa). |

### ターゲット情報

| 機能    | 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. |
|-------|---|
| パスウェイ | Lipid metabolism; glycerolipid metabolism.  |
| 配列類似性 | Belongs to the membrane-bound acyltransferase family. Sterol o-acyltransferase subfamily.   |
| 細胞内局在 | Endoplasmic reticulum membrane.   |

### 画像



Anti-DGAT1 antibody (ab100982) at 1  $\mu$ g/ml + Caco 2 (Human colonic carcinoma cell line) Whole Cell Lysate at 10  $\mu$ g

#### **Secondary**

Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (ab97080) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 55 kDa **Observed band size:** 55 kDa

Additional bands at: 49 kDa. We are unsure as to the identity of

these extra bands.

Exposure time: 16 minutes

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