Product datasheet

Anti-DGAT1 antibody ab54037

11 References  1 Image

Overview

Product name Anti-DGAT1 antibody
Description Rabbit polyclonal to DGAT1
Host species Rabbit
Tested applications Suitable for: WB, IHC-P
Species reactivity Reacts with: Mouse, Human
Predicted to work with: Rat, Cow, Zebrafish
Immunogen A synthetic peptide designed within residues 200-300 of human DGAT1.
Positive control HepG2 lysate.

Properties

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

Applications

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.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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<tbody>
<tr>
<td>WB</td>
<td></td>
<td>Use a concentration of 2 µg/ml. Detects a band of approximately 55 kDa (predicted molecular weight: 55 kDa).</td>
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<tr>
<td>IHC-P</td>
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<td>Use at an assay dependent concentration. PubMed: 23499441</td>
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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:

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

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

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