

Product datasheet

Anti-DGAT2 antibody ab59493

★★★★☆ 3 Abreviews 3 图像

概述

产品名称	Anti-DGAT2抗体
描述	山羊多克隆抗体to DGAT2
宿主	Goat
特异性	This antibody is not expected to cross-react with other DGAT members.
经测试应用	适用于: Sandwich ELISA, IHC-P, WB
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Cow, Dog
免疫原	Synthetic peptide: C-KLEHPTQQDIDL ^{YH} , corresponding to C terminal amino acids 346-359 of Human DGAT2 Run BLAST with Run BLAST with

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% Tris buffered saline, 0.5% BSA
纯度	Immunogen affinity purified
纯化说明	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab59493** in the following tested applications.

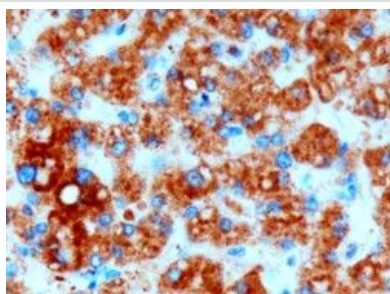
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
Sandwich ELISA		Use a concentration of 0.5 - 1 µg/ml.
IHC-P		Use a concentration of 3 µg/ml. Perform heat mediated antigen retrieval via the microwave method before commencing with IHC staining protocol.
WB	★★★★☆	Use a concentration of 0.3 - 1 µg/ml.

靶标

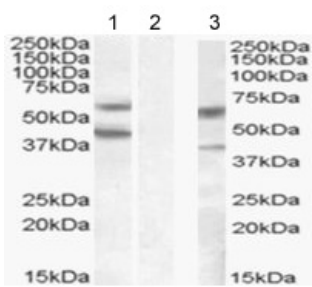
功能	Essential acyltransferase that catalyzes the terminal and only committed step in triacylglycerol synthesis by using diacylglycerol and fatty acyl CoA as substrates. Required for synthesis and storage of intracellular triglycerides. Probably plays a central role in cytosolic lipid accumulation.
组织特异性	Predominantly expressed in liver and white adipose tissue. Expressed at lower level in mammary gland, testis and peripheral blood leukocytes. Expressed in sebaceous glands of normal skin but decreased psoriatic skin.
通路	Glycerolipid metabolism; triacylglycerol biosynthesis.
序列相似性	Belongs to the diacylglycerol acyltransferase family.
细胞定位	Endoplasmic reticulum membrane.

图片



ab59493 at 3ug/ml staining DGAT2 in human liver tissue section by Immunohistochemistry (Formalin/PFA fixed paraffin-embedded sections). Tissue underwent antigen retrieval by microwave with Tris/EDTA buffer (pH 9). The HRP-staining procedure was used for detection.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DGAT2 antibody (ab59493)



Western blot - Anti-DGAT2 antibody (ab59493)

All lanes : Anti-DGAT2 antibody (ab59493) at 0.3 µg/ml

Lane 1 : Cell lysates prepared from DGAT2 transiently transfected HEK293 cells.

Lane 2 : Cell lysates prepared from mock transfected HEK293 cells.

Lane 3 : Tissue lysates prepared from human liver tissue.

Observed band size: 45,60 kDa



Western blot - Anti-DGAT2 antibody (ab59493)

Anti-DGAT2 antibody (ab59493) at 0.5 µg/ml
+ Human Liver lysate at 35 µg

Primary incubation was 1 hour.

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