

Datasheet for ABIN190849
anti-DGAT2 antibody (Internal Region)

5 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	DGAT2
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This DGAT2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Purpose:	DGAT2
Immunogen:	Peptide with sequence C-KLEHPTQQDIDLYH, from the internal region (near the C Terminus) of the protein sequence according to NP_115953.2.
Sequence:	KLEHPTQQDI DLYH
Isotype:	IgG
Specificity:	This antibody is not expected to cross-react with other DGAT members.
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

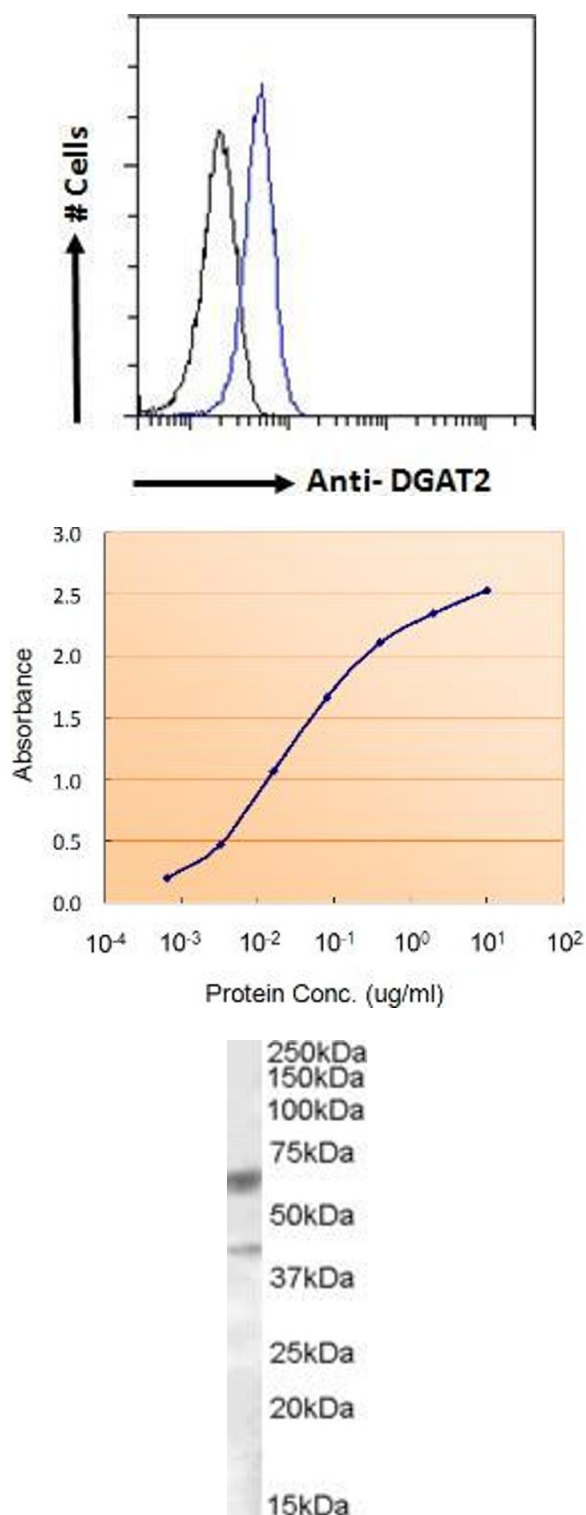
Target:	DGAT2
Alternative Name:	DGAT2 (DGAT2 Products)
Background:	DGAT2, diacylglycerol O-acyltransferase homolog 2 (mouse), DKFZp686A15125, HMFN1045 , GS1999full, diacylglycerol O-acyltransferase homolog 2, diacylglycerol O-acyltransferase-like protein 2 isoform 1
Gene ID:	84649, 67800, 252900
NCBI Accession:	NP_115953 , NP_001240820

Application Details

Application Notes:	Immunohistochemistry: In paraffin embedded Human Liver shows granular cytoplasm staining of hepatocytes. Recommended concentration: 3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:128000.
Comment:	Flow Cytometry: Flow cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Flow Cytometry

Image 1. ABIN190849 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

Enzyme Immunoassay

Image 2. ABIN190849 (0.5ug/ml) as the reporter with as the capture rabbit antibody (2.5ug/ml).

Western Blotting

Image 3. ABIN190849 (0.5 μ g/ml) staining of Human Liver lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN190849.