

Datasheet for ABIN1590010
anti-DGAT1 antibody (AA 67-79)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	DGAT1
Binding Specificity:	AA 67-79
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This DGAT1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	DGAT1 (aa67-79)
Immunogen:	Peptide with sequence RCHRLQDSLFSDD, from the internal region of the protein sequence according to NP_036211.2.
Sequence:	RCHRLQDSLFSDD
Isotype:	IgG
Cross-Reactivity:	Cow, 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

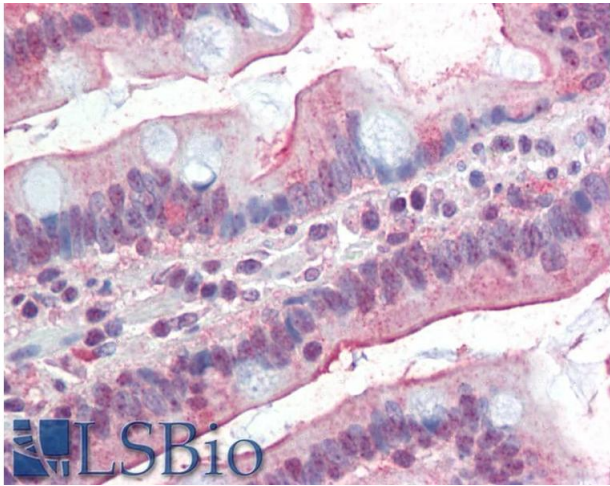
Target:	DGAT1
Alternative Name:	DGAT1 (DGAT1 Products)
Background:	DGAT1, diacylglycerol O-acyltransferase 1, ARGP1, DGAT, ACAT related gene product 1, ACAT-related gene product 1, acyl coenzyme A:cholesterol acyltransferase related gene 1, diacylglycerol O-acyltransferase homolog 1, diglyceride acyltransferase
Gene ID:	8694
NCBI Accession:	NP_036211
Pathways:	Hormone Transport

Application Details

Application Notes:	Western Blot: Approx 50+55 kDa bands observed in Mouse Duodenum lysates (calculated MW of 56.8 kDa according to Mouse NP_034176.1). Recommended concentration: 0.5-2 µg/mL. Primary incubation was 1 hour. Peptide ELISA: antibody detection limit dilution 1:128000.
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.



Immunohistochemistry

Image 1. ABIN1590010 (5µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. This data is from a previous batch, not on sale.



Western Blotting

Image 2. ABIN1590010 (0.5µg/ml) staining of Mouse Duodenum lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.