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Datasheet for ABIN571230 anti-MOGAT2 antibody (Internal Region)





Overview

Quantity:	100 µg
Target:	MOGAT2
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This MOGAT2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	MOGAT2
Immunogen:	C-KESAAHILNRK
Sequence:	KESAAHILNR K
lsotype:	lgG
Cross-Reactivity:	Cow, Dog, Human, Pig
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

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Target Details

Target:	MOGAT2
Alternative Name:	MOGAT2 (MOGAT2 Products)
Background:	MOGAT2, monoacylglycerol O-acyltransferase 2, DGAT2L5, FLJ22644, MGAT2, MGC119183, MGC119184, MGC119185, acyl CoA:monoacylglycerol acyltransferase 2
Gene ID:	80168
NCBI Accession:	NP_079374

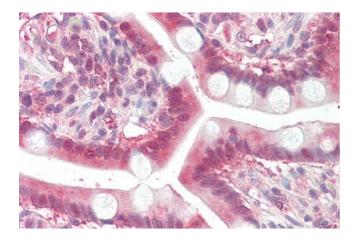
Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Small Intestine. Recommended
	concentration: 3.75 µg/mL.
	Western Blot: Approx 37 kDa band observed in Human Colon, Duodenum and lleum lysates
	(calculated MW of 38.2 kDa according to NP_079374.2). Recommended concentration: 0.05-
	0.2 µg/mL. Primary incubation was 1 hour.
	Peptide ELISA: antibody detection limit dilution 1:32000.
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.

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Immunohistochemistry

Image 1. ABIN571230 (3.75µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer Ph 6, AP-staining.

	250kDa 150kDa 100kDa 75kDa
	50kDa
-	37kDa
	25kDa
	20kDa
	15kDa

Western Blotting

Image 2. ABIN571230 (0.05µg/ml) staining of Human Duodenum lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

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