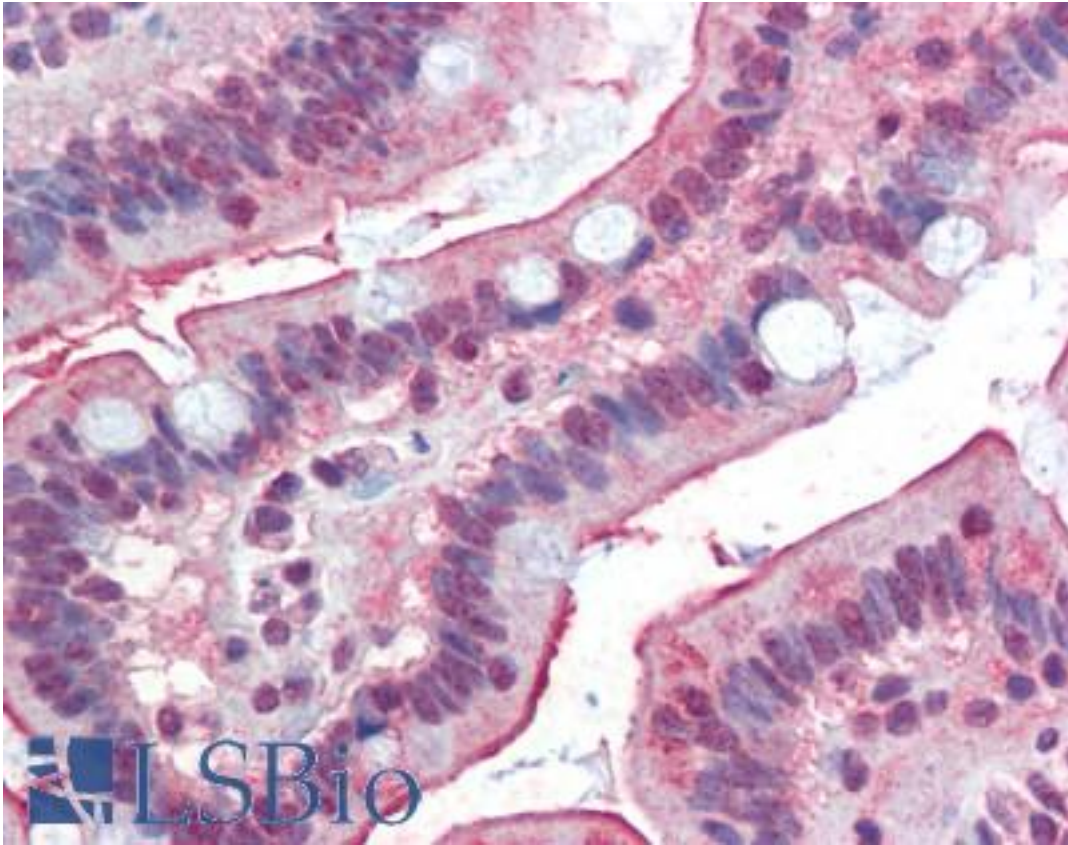


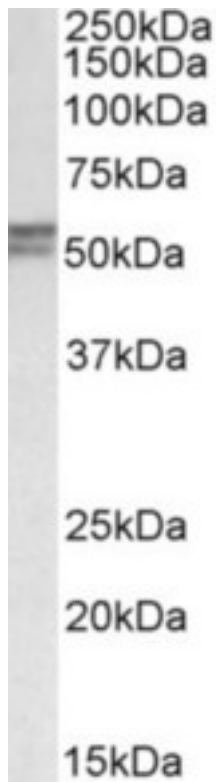
DGAT1 / DGAT Goat anti-Human Polyclonal (aa67-79) Antibody - LS-B9542 - LSBio	
<b>CatalogID:</b>	LS-B9542
<b>Validation:</b>	This antibody replaces catalog number LS-C186477. It has been validated for use in the following assays: IHC-P.
<b>Target:</b>	diacylglycerol O-acyltransferase 1 (DGAT1)
<b>Synonyms:</b>	DGAT1 Antibody, ACAT-related gene product 1 Antibody, ACAT related gene product 1 Antibody, ARGP1 Antibody, ARAT Antibody, DGAT Antibody, Diglyceride acyltransferase Antibody, AGRP1 Antibody
<b>Host</b>	DGAT1 antibody was produced in Goat
<b>Clonality:</b>	Polyclonal
<b>Immunogen Species:</b>	DGAT1 / DGAT antibody was raised against Human
<b>Antigen Type:</b>	Synthetic peptide
<b>Immunogen:</b>	DGAT1 / DGAT antibody was raised against synthetic peptide RCHRLQDSLFSDD from an internal region of human DGAT1 / DGAT (NP_036211.2). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Monkey, Marmoset, Mouse, Rat, Ferret, Sheep, Goat, Panda, Dog, Cat, Bovine, Rabbit, Pig (100%); Galago, Zebu, Horse, Guinea pig (92%); Lizard (85%).
<b>Specificity:</b>	Human DGAT1 / DGAT
<b>Epitope:</b>	aa67-79
<b>Reactivity:</b>	Human, Chimpanzee, Gorilla, Orangutan, Monkey, Mouse, Rat, Bovine, Dog, Goat, Pig, Rabbit, Sheep
<b>Purification:</b>	Immunoaffinity purified
<b>Presentation:</b>	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
<b>Recommended Storage:</b>	Store at -20°C. Minimize freezing and thawing.
<b>Usage Summary:</b>	Peptide ELISA: antibody detection limit dilution 1:128000. Western blot: Approx 50+55kD bands observed in Mouse Duodenum lysates (calculated MW of 56.8kD according to Mouse NP_034176.1). Recommended concentration: 0.5-2 ug/ml.
<b>Uses:</b>	IHC - Paraffin (5 µg/ml), Western blot (0.5 - 2 µg/ml), ELISA (1:128000) (Optimal dilution to be determined by the researcher)
<b>Size:</b>	50 µg
<b>Concentration:</b>	0.5 mg/ml

**Immunohistochemistry Image:**



Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)

**Western Blot Image:**



DGAT1 antibody (0.5 ug/ml) staining of Mouse Duodenum lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**Requested From:**

Japan

Laboratory Reagent For In Vitro Research Use Only

Not for resale without prior written consent from LifeSpan BioSciences, Inc.

Created on 9/24/2014

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