

Goat DGAT1 / DGAT Polyclonal Antibody | anti-DGAT1 antibody

Goat Polyclonal to Human DGAT1 / DGAT

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51127	Goat	Bat, Gibbon, Bovine, Dog, Gorilla, Goat, Hamster, Horse, Human, Monkey, Mouse, Pig, Rat, Sheep Predicted Reactivity: Xenopus (at least 90% immunogen sequence identity)	ELISA, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

DGAT1 / DGAT; Polyclonal Antibody; Goat Polyclonal to Human DGAT1 / DGAT; Anti-DGAT1 / DGAT Antibody (Internal) IHC-plus; DGAT1; ACAT-related gene product 1; ACAT related gene product 1; ARGP1; ARAT; DGAT; Diglyceride acyltransferase; AGRP1; Human DGAT1; anti-DGAT1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Bat, Gibbon, Bovine, Dog, Gorilla, Goat, Hamster, Horse, Human, Monkey, Mouse, Pig, Rat, Sheep Predicted Reactivity: Xenopus (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human DGAT1.
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	488
Applicable Applications for anti-DGAT1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide C-QNSMKPFKMDYS from an internal region of human DGAT1 (NP_036211.1). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Sheep, Goat, Hamster, Panda, Zebu, Dog, Bat, Bovine, Horse, Pig (100%).
Immunogen Type	Synthetic peptide
Immunogen	DGAT1 / DGAT antibody was raised against synthetic peptide C-QNSMKPFKMDYS from an internal region of human DGAT1 (NP_036211.1). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Sheep, Goat, Hamster, Panda, Zebu, Dog, Bat, Bovine, Horse, Pig (100%); Opossum, Lizard, Xenopus (92%); Zebrafish (85%).
Antigen Modification	Internal
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)

Staining (0.3 ug/ml) of rat duodenum lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



IHC (Immunohistochemistry)

Anti-DGAT1 antibody IHC of human colon, ganglion. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 3.75 ug/ml.

NCBI AND UNIPROT INFORMATION

NCBI GI #	145864459
NCBI GeneID	8694
NCBI Accession #	NP_036211.2
NCBI GenBank Nucleotide #	NM_012079.5
UniProt Accession #	O75907; Q96BB8; B2RWQ2; D3DWL6
Molecular Weight	55,278 Da
NCBI Official Full Name	diacylglycerol O-acyltransferase 1
NCBI Official Synonym Full Names	diacylglycerol O-acyltransferase 1
NCBI Official Symbol	DGAT1
NCBI Official Synonym Symbols	ARAT; DGAT; ARGP1; DIAR7
NCBI Protein Information	diacylglycerol O-acyltransferase 1; ACAT related gene product 1; diglyceride acyltransferase; acyl-CoA:diacylglycerol acyltransferase; acyl-CoA retinol O-fatty-acyltransferase; acyl coenzyme A:cholesterol acyltransferase related gene 1
UniProt Protein Name	Diacylglycerol O-acyltransferase 1
UniProt Gene Name	DGAT1
UniProt Synonym Gene Names	AGRP1; DGAT; ARAT; Retinol O-fatty-acyltransferase
UniProt Entry Name	DGAT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dgat1-dgat-antibody-western-blot-immunohistochemistry-elisa/51127>