

Rabbit DGAT1 Polyclonal Antibody | anti-DGAT1 antibody

DGAT1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA37638	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

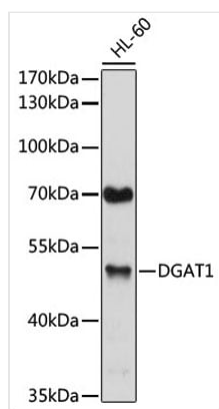
PRODUCT SYNONYMS

DGAT1; Polyclonal Antibody; DGAT1 Polyclonal Antibody; ARAT; DGAT; ARGP1; DIAR7; anti-DGAT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3
Sequence Length	488
Applicable Applications for anti-DGAT1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 200-300 of human DGAT1 (NP_036211.2).
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using DGAT1 antibody (AAA37638) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AAA37638) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-DGAT1 antibody	This gene encodes a multipass transmembrane protein that functions as a key metabolic enzyme. The encoded protein catalyzes the conversion of diacylglycerol and fatty acyl CoA to triacylglycerol. This enzyme can also transfer acyl CoA to retinol. Activity of this protein may be associated with obesity and other metabolic diseases.
Product Categories/Family for anti-DGAT1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	33302597
NCBI GeneID	8694
UniProt Accession #	O75907; Q96BB8; B2RWQ2; D3DWL6
Molecular Weight	Calculated Molecular Weight: 55 kDa Observed Molecular Weight: 54 kDa
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/dgat1-antibody-immunohistochemistry-western-blot-elisa/37638>