

Rabbit DGAT1 Polyclonal Antibody | anti-DGAT1 antibody

DGAT1 Antibody

CATALOG # AAA307485	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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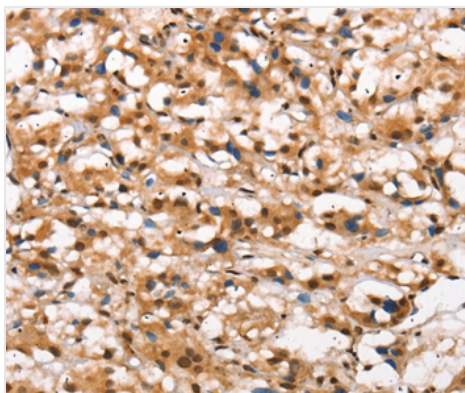
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

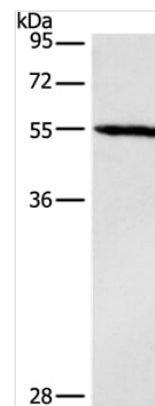
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total DGAT1 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	2.8 mg/ml (varies by lot)
Sequence Length	488
Applicable Applications for anti-DGAT1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human diacylglycerol O-acyltransferase 1
Target Name	DGAT1
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/40.



Application Data

Gel: 10%SDS-PAGE Lysates (from left to right): Mouse heart tissue Amount of lysate: 40ug per lane Primary antibody: 1/1400 dilution Secondary antibody dilution: 1/8000 Exposure time: 40 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-DGAT1 antibody	This gene encodes an 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	Total protein Ab

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
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-antibody-immunohistochemistry-western-blot-elisa/307485>