

Product datasheet for **TA303180**

DGAT1 Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:16,000. WB: 0.5-1 µg/ml.
Reactivity:	Human, Rat (Expected from sequence similarity: Mouse, Dog)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-QNSMKPFKMDYS, from the internal region of the protein sequence according to NP_036211.1.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	diacylglycerol O-acyltransferase 1
Database Link:	NP_036211 Entrez Gene 13350 Mouse Entrez Gene 84497 Rat Entrez Gene 482093 Dog Entrez Gene 8694 Human O75907
Background:	The enzyme encoded by this gene utilizes diacylglycerol and fatty acyl CoA as substrates in order to catalyze the final stage of triacylglycerol synthesis. It is also involved in cellular as well as physiological metabolic processes. [provided by RefSeq]
Synonyms:	ARAT; ARGP1; DGAT; DIAR7
Protein Families:	Transmembrane



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Protein Pathways: Glycerolipid metabolism, Metabolic pathways, Retinol metabolism

Product images:



TA303180 (0.5ug/ml) staining of human duodenum lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.