

Product datasheet for **TA305692**

DGAT2 Goat Polyclonal Antibody

Product data:

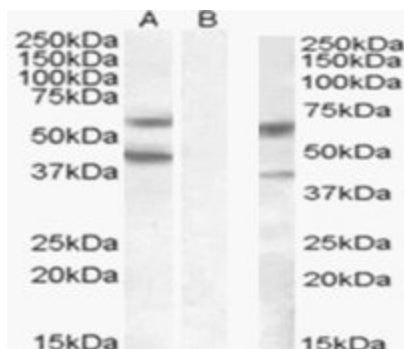
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 0.3-1ug/ml. IHC: 3ug/ml.
Reactivity:	Human (Expected from sequence similarity: Mouse, Rat, Dog)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-KLEHPTQQDIDLYH, from the internal region (near the C Terminus) of the protein sequence according to NP_115953.2.
Formulation:	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin
Concentration:	lot specific
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 -20C. 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 2
Database Link:	NP_115953 Entrez Gene 67800 MouseEntrez Gene 252900 RatEntrez Gene 485185 DogEntrez Gene 84649 Human Q96PD7
Background:	Acyl-CoA:diacylglycerol acyltransferase, or DGAT (EC 2.3.1.20), is responsible for the synthesis of triglycerides. It catalyzes a reaction in which diacylglycerol is covalently joined to long chain fatty acyl-CoAs. [supplied by OMIM]
Synonyms:	ARAT; GS1999FULL; HMFN1045
Protein Families:	Transmembrane



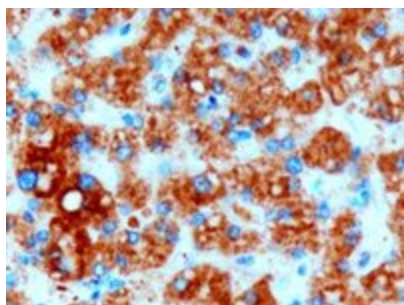
[View online »](#)

Protein Pathways: Glycerolipid metabolism, Metabolic pathways, Retinol metabolism

Product images:



HEK293 overexpressing DGAT2 (lane A) and probed with TA305692 (mock transfection in laneB). TA305692 (0.5ug/ml) staining of Human Liver lysate in the third lane (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



TA305692 (3ug/ml) staining of paraffin embedded Human Liver. Microwaved antigen retrieval with Tris/EDTA buffer pH9, HRP-staining.