Anti-DGAT2 antibody

Description	Unconjugated Rabbit polyclonal to DGAT2

Model	STJ190746
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Gene ID	84649
Gene Symbol	DGAT2
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	DGAT2 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Predominantly expressed in liver and white adipose tissue. Expressed at lower level in mammary gland, testis and peripheral blood leukocytes. Expressed in sebaceous glands of normal skin but decreased psoriatic skin.
Purification	DGAT2 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Diacylglycerol O-acyltransferase 2 Acyl-CoA retinol O-fatty-acyltransferase ARAT Retinol O-fatty-acyltransferase Diglyceride acyltransferase 2
Molecular Weight	42 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol,and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:16940OMIM:606983
Alternative Names	Diacylglycerol O-acyltransferase 2 Acyl-CoA retinol O-fatty-acyltransferase ARAT Retinol O-fatty-acyltransferase Diglyceride acyltransferase 2
Function	Essential acyltransferase that catalyzes the terminal and only committed step in triacylglycerol synthesis by using diacylglycerol and fatty acyl CoA as substrates. Required for synthesis and storage of intracellular triglycerides. Probably plays a central role in cytosolic lipid accumulation. In liver, is primarily responsible for incorporating endogenously synthesized fatty acids into triglycerides . Functions also as an acyl-CoA retinol acyltransferase (ARAT).
Cellular Localization	Endoplasmic reticulum membrane Lipid droplet