

anti- DGAT1 antibody

Product Information

Catalog No.:	CAF50093
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Catalyzes the terminal and only committed step in triacylglycerol synthesis by using diacylglycerol and fatty acyl CoA as substrates. In contrast to DGAT2 it is not essential for survival. May be involved in VLDL(very low density lipoprotein) assembly. In liver, plays a role in esterifying exogenous fatty acids to glycerol. Functions as the major acyl-CoA retinol acyltransferase(ARAT) in the skin, where it acts to maintain retinoid homeostasis and prevent retinoid toxicity leading to skin and hair disorders.

Immunogen information

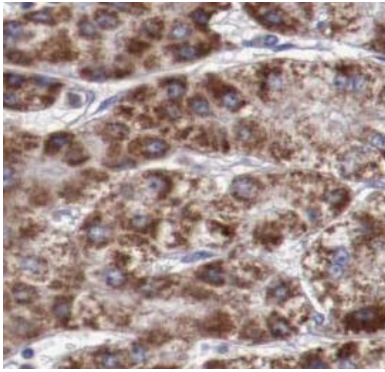
Immunogen:	diacylglycerol O-acyltransferase homolog 1(Mouse)
Synonyms:	AGRP1, DGAT
Observed MW:	55 kDa
Uniprot ID :	O75907

Application

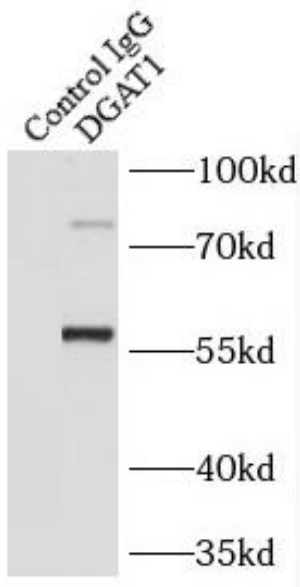
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IP
Recommended dilution:	WB: 1:500-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200
Image:	

This Antibody is for Research Use Only. Not for Diagnostic Procedures.

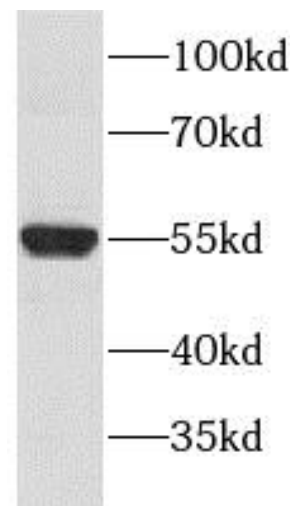
This is a sample Antibody manual only. Always refer to the hard copy manual included in the Antibody for your experiment.



Immunohistochemistry of paraffin-embedded human hepatocirrhosis tissue slide using CAF50093(DGAT1 Antibody) at dilution of 1:50



IP Result of anti-DGAT1 (IP:CAF50093, 3ug; Detection:CAF50093 1:300) with mouse heart tissue lysate 4000ug.



mouse heart tissue were subjected to SDS PAGE followed by western blot with CAF50093(DGAT1 Antibody) at dilution of 1:1000

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