

Recombinant

DGRmAb®

DGAT1 (DGR16581) Rabbit mAb

db12413

Package : 10µL 20µL 50µL 100µL

Product Name : DGAT1 (DGR16581) Rabbit mAb**Cat.No.:** db12413**Synonyms** : ARAT; DGAT; ARGP1; DIAR7**Application** : WB, ICC/IF, FC, IP**Reactivity** : Human**Host species** : Rabbit

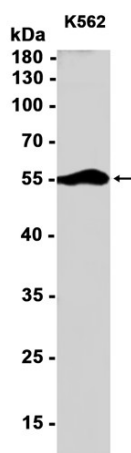
Background	This gene encodes an multipass transmembrane protein that functions as a key metabolic enzyme. The encoded protein catalyzes the conversion of diacylglycerol and fatty acyl CoA to triacylglycerol. This enzyme can also transfer acyl CoA to retinol. Activity of this protein may be associated with obesity and other metabolic diseases. [provided by RefSeq, Jul 2013]
Immunogen	Recombinant protein of human DGAT1
Gene ID	8694
Swiss Prot	O75907
Synonyms	ARAT; DGAT; ARGP1; DIAR7
Reactivity	Human
Application	WB, ICC/IF, FC, IP
Recommended dilution	WB: 1:2000-1:20000 ICC/IF: 1:50-1:100 FC: 1:200-1:500 IP: 1:20-1:50
Calculated MW	55 kDa
Observed MW	55 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR16581
Isotype	IgG
Purity	Affinity Purification

Conjugation

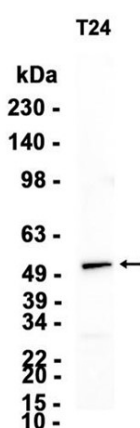
Un-conjugated

Storage Stability

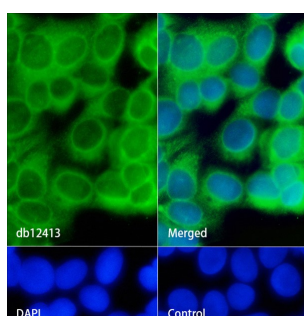
Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from K562 cells using db12413 at 1:1000.



Western blot analysis of extracts from T24 cells using db12413 at 1:5000.



Immunofluorescence analysis of MCF-7 cells labelling DGAT1 with db12413.

The cells were fixed with cold 100% methanol (10min, 4°C) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db12413 (1:50) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.