

Recombinant

DGRmAb®

DGAT1 (DGR16581) Rabbit mAb (PBS Only)

db12413-PBS

Package : 10µg 100µg

Product Name : DGAT1 (DGR16581) Rabbit mAb (PBS Only)

Cat.No.: db12413-PBS

Synonyms : ARAT; DGAT; ARGP1; DIAR7

Application : WB, ICC/IF, FC, IP

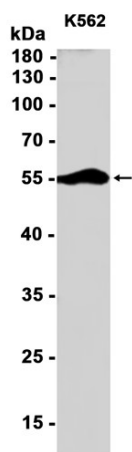
Reactivity : Human

Host species : Rabbit

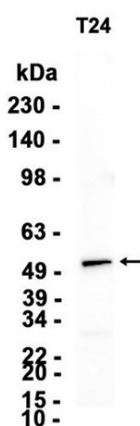
Background	This gene encodes an multipass transmembrane protein that functions as a key metabolic enzyme. The encoded protein catalyzes the conversion of diacylglycerol and fatty acyl CoA to triacylglycerol. This enzyme can also transfer acyl CoA to retinol. Activity of this protein may be associated 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
Calculated MW	55 kDa
Observed MW	55 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR16581
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only

Storage Stability

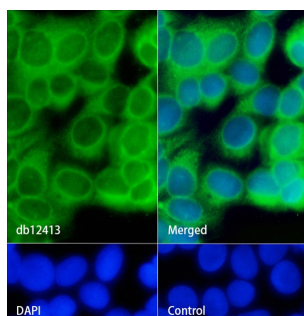
Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



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 temperature 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.