DGAT2 rabbit monoclonal antibody

Catalog # H00084649-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human DGAT2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human DGAT2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human DGAT2 peptide by ELISA and mammalian transfected lysate by W estern Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — DGAT2

Entrez GeneID	84649
GeneBank Accession#	DGAT2
Gene Name	DGAT2
Gene Alias	DKFZp686A15125, HMFN1045
Gene Description	diacylglycerol O-acyltransferase homolog 2 (mouse)
Omim ID	606983
Gene Ontology	Hyperlink
Gene Summary	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
Other Designations	GS1999full|diacylglycerol O-acyltransferase homolog 2|diacylglycerol O-acyltransferase-like protein 2

Pathway

- Glycerolipid metabolism
- Metabolic pathways
- Retinol metabolism

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Fatty Liver
- Genetic Predisposition to Disease

- Insulin Resistance
- Obesity
- Tobacco Use Disorder