

MBOAT1 rabbit monoclonal antibody

Catalog # H00154141-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human MBOAT1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human MBOAT1 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 MBOAT1 peptide by ELISA and mammalian transfected lysate by Western 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 including 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 — MBOAT1

Entrez GeneID	154141
GeneBank Accession#	MBOAT1
Gene Name	MBOAT1
Gene Alias	LPEAT1, MGC44669, OACT1, dJ434O11.1
Gene Description	membrane bound O-acyltransferase domain containing 1
Gene Ontology	Hyperlink
Gene Summary	MBOAT1 shares structural similarity with a superfamily of membrane-bound O-acetyltransferases that transfer organic compounds, usually fatty acids (e.g., cholesterol, diacylglycerol, palmitoyl), on to hydroxyl groups of membrane-embedded targets (Dauwerse et al., 2007 [PubMed 17440500]). [supplied by OMIM]
Other Designations	O-acyltransferase (membrane bound) domain containing 1 OTTHUMP00000016082 lysophosphatidylethanolamine acyltransferase 1 lysophospholipid acyltransferase