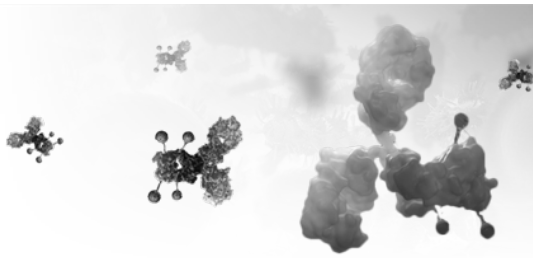

Anti-MBOAT2 (aa 468-520) polyclonal antibody (DPABH-17933)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Acyltransferase which mediates the conversion of lysophosphatidylethanolamine (1-acyl-sn-glycero-3-phosphoethanolamine or LPE) into phosphatidylethanolamine (1,2-diacyl-sn-glycero-3-phosphoethanolamine or PE) (LPEAT activity). Catalyzes also the acylation of lysophosphatidic acid (LPA) into phosphatidic acid (PA) (LPAAT activity). Has also a very weak lysophosphatidylcholine acyltransferase (LPCAT activity). Prefers oleoyl-CoA as the acyl donor. Lysophospholipid acyltransferases (LPLATs) catalyze the reacylation step of the phospholipid remodeling pathway also known as the Lands cycle.
Immunogen	antigen sequence corresponding to amino acids 468-520 (TQRRKNTHEN IQLSQSKKFD EGENSLGQNS FSTTNNVCNQ NQEIASRHSS LKQ) of Human MBOAT2.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	ICC/IF, IHC-P, WB
Format	Liquid
Size	100 µl
Buffer	pH: 7.20; Constituents: 59% PBS, 40% Glycerol
Preservative	0.02% Sodium Azide

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	MBOAT2 membrane bound O-acyltransferase domain containing 3 [Homo sapiens]
Official Symbol	MBOAT2
Synonyms	MBOAT2; membrane bound O-acyltransferase domain containing 2; OACT2; LPCAT4; lysophospholipid acyltransferase 2; LPAAT; LPEAT; LPLAT 2; lyso-PA acyltransferase; lyso-PE acyltransferase; lysophosphatidic acid acyltransferase; 1-acylglycerophosphate O-acyltransferase; lysophosphatidylethanolamine acyltransferase; O-acyltransferase domain-containing protein 2; 1-acylglycerophosphoethanolamine O-acyltransferase; O-acyltransferase (membrane bound) domain containing 2; membrane-bound O-acyltransferase domain-containing protein 2;
Entrez Gene ID	129642
Protein Refseq	NP_620154.2
UniProt ID	Q6ZWT7
Pathway	Acyl chain remodelling of PC; CDP-diacylglycerol biosynthesis I; Glycerolipid metabolism; Glycerophospholipid metabolism
Function	1-acylglycerol-3-phosphate O-acyltransferase activity;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221