

Rabbit MBOAT1 Polyclonal Antibody | anti-MBOAT1 antibody

MBOAT1 Polyclonal Antibody

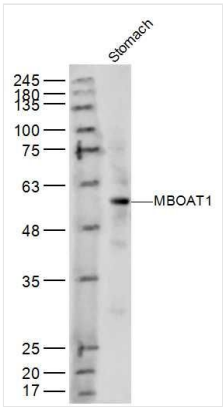
CATALOG # AAA291811	HOST Rabbit	REACTIVITY Rat, Pig, Dog, Bovine.	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

MBOAT1; Polyclonal Antibody; MBOAT1 Polyclonal Antibody; Lysophospholipid acyltransferase 1; LPLAT 1; 1-acylglycerophosphocholine O-acyltransferase; 2.3.1.23; 1-acylglycerophosphoethanolamine O-acyltransferase; 2.3.1.n6; Lysophosphatidylserine acyltransferase; LPSAT; Lyso-PS acyltransferase; Membrane-bound O-acyltransferase domain-containing protein 1; O-acyltransferase domain-containing protein 1; OACT1; anti-MBOAT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat, Pig, Dog, Bovine.
Clonality	Polyclonal
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce
Applicable Applications for anti-MBOAT1 antibody	WB (Western Blot)
Function	Acyltransferase which catalyzes the transfer of an acyl group from an acyl-CoA towards a lysophospholipid producing a phospholipid and participates in the reacylation step of the phospholipid remodeling pathway also known as the Lands cycle (PubMed:18772128). Acts on lysophosphatidylserine (1-acyl-2-hydroxy-sn-glycero-3-phospho-L-serine or LPS) and lysophosphatidylethanolamine (1-acyl-sn-glycero-3-phosphoethanolamine or LPE), and to a lesser extend lysophosphatidylcholine (PubMed:). Prefers oleoyl-CoA as the acyl donor and 1-oleoyl-LPE as acceptor (PubMed:). May play a role in neurite outgrowth during neuronal differentiation (By similarity).
Cellular Location	Membrane; Multi-pass membrane protein
Tissue Location	Expressed in neutrophils.
Preparation and Storage	Store at -20 degree for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4°C.



WB (Western Blot)
Sample:Stomach (Mouse) Lysate at 40 ugPrimary: Anti-MBOAT1 (bs-18708R) at 1/300 dilutionSecondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilutionPredicted band size: 57 kD
Observed band size: 57 kD

NCBI AND UNIPROT INFORMATION

NCBI GI #	122937404
NCBI GeneID	154141
NCBI Accession #	NP_001073949.1
NCBI GenBank Nucleotide #	NM_001080480.2
UniProt Accession #	Q6ZNC8; Q86XC2; Q8N9R5; A9EDQ5; B4DL59; B4E3J4
Molecular Weight	Calculated MW: 56557
NCBI Official Full Name	lysophospholipid acyltransferase 1
NCBI Official Synonym Full Names	membrane bound O-acyltransferase domain containing 1
NCBI Official Symbol	MBOAT1
NCBI Official Synonym Symbols	1; LPLAT; LPSAT; OACT1; LPEAT1; LPLAT 1; dJ434O11.1
NCBI Protein Information	lysophospholipid acyltransferase 1; lyso-PS acyltransferase; lysophosphatidylserine acyltransferase; 1-acylglycerophosphoserine O-acyltransferase; O-acyltransferase domain-containing protein 1; lysophosphatidylethanolamine acyltransferase 1; O-acyltransfe
UniProt Protein Name	Lysophospholipid acyltransferase 1
UniProt Gene Name	MBOAT1
UniProt Synonym Gene Names	OACT1; LPLAT 1; LPSAT; Lyso-PS acyltransferase; O-acyltransferase domain-containing protein 1
UniProt Entry Name	MBOA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.