



MBOA7 rabbit pAb

Catalog No	YP-Ab-08654
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	MBOAT7 BB1 LENG4 OACT7
Immunogen	Synthesized peptide derived from human MBOA7 AA range: 293-343
Specificity	This antibody detects endogenous levels of MBOA7 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	1-acylglycerophosphatidylinositol O-acyltransferase;BB1;Bladder and breast carcinoma-overexpressed gene 1 protein;EC:2.3.1.-;h mboa 7;MBOA7;MBOAT7 BB1 LENG4 OACT7
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Endoplasmic reticulum membrane ; Multi-pass membrane protein . Localized in specific membrane structures termed mitochondria-associated membranes (MAMs) which connect the endoplasmic reticulum (ER) and the mitochondria. .
Tissue Specificity	Overexpressed in metastatic breast and bladder carcinomas relative to normal breast epithelium and urothelium.
Function	catalytic activity:Acyl-CoA + 1-acyl-sn-glycero-3-phosphatidylinositol = CoA + 1, 2-diacyl-sn-glycero-3-phosphatidylinositol.,enzyme regulation:Activity is inhibited by thimerosal.,function:Acyltransferase which mediates the conversion of lysophosphatidylinositol (1-acylglycerophosphatidylinositol or LPI) into phosphatidylinositol (1,2-diacyl-sn-glycero-3-phosphoinositol or PI) (LPIAT activity). Prefers arachidonoyl-CoA as the acyl donor. Lysophospholipid acyltransferases (LPLATs) catalyze the reacylation step of the phospholipid remodeling pathway also known as the Lands cycle.,pathway:Lipid metabolism;



phospholipid metabolism.,similarity:Belongs to the membrane-bound acyltransferase family.,tissue specificity:Overexpressed in metastatic breast and bladder carcinomas relative to normal breast epithelium and urothelium.,

Background

This gene encodes a member of the membrane-bound O-acyltransferases family of integral membrane proteins that have acyltransferase activity. The encoded protein is a lysophosphatidylinositol acyltransferase that has specificity for arachidonoyl-CoA as an acyl donor. This protein is involved in the reacylation of phospholipids as part of the phospholipid remodeling pathway known as the Land cycle. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2009],

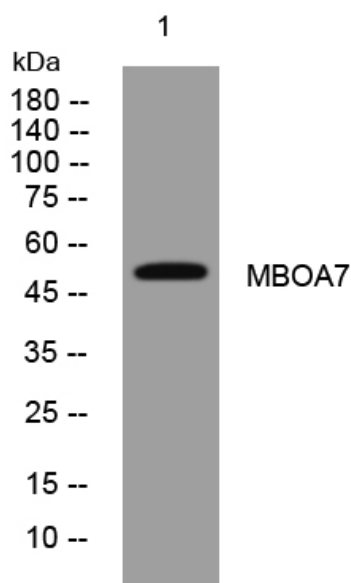
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4° over night