



# MBOA7 rabbit pAb

<b>Catalog No</b>	BYab-08654
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human; Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	MBOAT7 BB1 LENG4 OACT7
<b>Protein Name</b>	MBOA7
<b>Immunogen</b>	Synthesized peptide derived from human MBOA7 AA range: 293-343
<b>Specificity</b>	This antibody detects endogenous levels of MBOA7 at Human/Mouse
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Dilution</b>	WB 1: 500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	
<b>Cell Pathway</b>	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. .
<b>Tissue Specificity</b>	Overexpressed in metastatic breast and bladder carcinomas relative to normal breast epithelium and urothelium.
<b>Function</b>	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

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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],

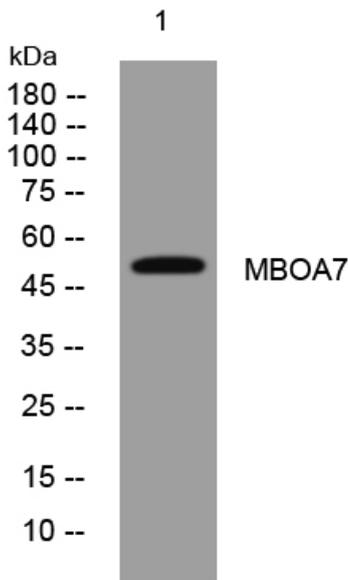
**matters needing attention**

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