

## MBOA7 Rabbit pAb

CatalogNo: YN3812

### | Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB

#### MW

- 52kD (Calculated)

#### Isotype

- IgG

### | Recommended Dilution Ratios

WB 1:500-2000

### | Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### | Basic Information

**Clonality** Polyclonal

### | Immunogen Information

**Immunogen** Synthesized peptide derived from human MBOA7 AA range: 293-343

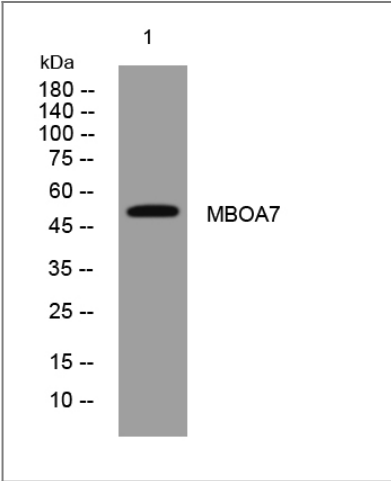
**Specificity** This antibody detects endogenous levels of MBOA7 at Human/Mouse

### | Target Information

**Gene name** MBOAT7 BB1 LENG4 OACT7

<b>Protein Name</b>	MBOA7		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">79143;</a>	<a href="#">Q96N66;</a>
	Mouse	<a href="#">77582;</a>	<a href="#">Q8CHK3;</a>
<b>Cellular Localization</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 bladder carcinomas relative to normal breast epithelium and urothelium.,		

Validation Data



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

Contact information

Orders: order.cn@immunoway.com  
Support: support.cn@immunoway.com  
Telephone: 400-8787-807(China)  
Website: <http://www.immunoway.com.cn>  
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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**MBOA7 Rabbit pAb**

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