

Rabbit MBOAT7 Polyclonal Antibody | anti-MBOAT7 antibody

MBOAT7 Antibody (Center)

CATALOG # AAA289530	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Bovine, Mouse)	APPLICATIONS ELISA, Western Blot
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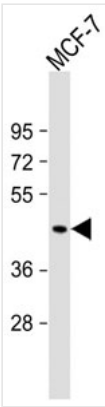
PRODUCT SYNONYMS

MBOAT7; Polyclonal Antibody; MBOAT7 Antibody (Center); Lysophospholipid acyltransferase 7; LPLAT 7; 231-; 1-acylglycerophosphatidylinositol O-acyltransferase; 231n4; Bladder and breast carcinoma-overexpressed gene 1 protein; Leukocyte receptor cluster member 4; Lysophosphatidylinositol acyltransferase; LPIAT; Lyso-PI acyltransferase; Membrane-bound O-acyltransferase domain-containing protein 7; O-acyltransferase domain-containing protein 7; h-mboa-7; BB1; LENG4; OACT7; anti-MBOAT7 antibody

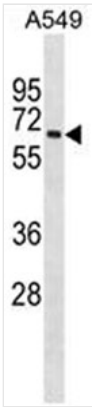
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MBOAT7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 151-180 amino acids from the Central region of human MBOAT7.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	151-180
Sequence Length	344
Applicable Applications for anti-MBOAT7 antibody	ELISA, WB (Western Blot)
Cellular Location	Endoplasmic reticulum membrane;Multi-pass membrane protein. Note=Localized in specific membranestructures termed mitochondria-associatedmembranes (MAMs) which connect theendoplasmic reticulum (ER) and themitochondria.
Tissue Location	Overexpressed in metastatic breast andbladder carcinomas relative to normalbreast epithelium and urothelium
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Anti-MBOAT7 Antibody (Center) at 1:2000 dilution + MCF-7 whole cell lysate. Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 53 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



WB (Western Blot)
MBOAT7 Antibody (Center) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the MBOAT7 antibody detected the MBOAT7 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-MBOAT7 antibody	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.
Product Categories/Family for anti-MBOAT7 antibody	Signal Transduction
References	Gijon, M.A., et al. J. Biol. Chem. 283(44):30235-30245(2008) Lee, H.C., et al. Mol. Biol. Cell 19(3):1174-1184(2008) Wende, H., et al. Immunogenetics 51 (8-9), 703-713 (2000) : Fukunaga-Johnson, N., et al. Anticancer Res. 16 (3A), 1085-1090 (1996) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	225703081
NCBI GeneID	79143
NCBI Accession #	NP_001139528.1; NP_001139554.1; NP_001139555.1; NP_077274.3
NCBI GenBank Nucleotide #	NM_001146056.2
UniProt Accession #	Q96N66; Q05DF0; Q7L5N2; Q99908; Q9BPV2; Q9BRE9; A9C4B6; B0V3I5; B4DQ87
NCBI Official Full Name	lysophospholipid acyltransferase 7 isoform 2
NCBI Official Synonym Full Names	membrane bound O-acyltransferase domain containing 7
NCBI Official Symbol	MBOAT7
NCBI Official Synonym Symbols	BB1; LRC4; LENG4; LPIAT; MBOA7; OACT7; hMBOA-7
NCBI Protein Information	lysophospholipid acyltransferase 7
UniProt Protein Name	Lysophospholipid acyltransferase 7
UniProt Gene Name	MBOAT7
UniProt Synonym Gene Names	BB1; LENG4; OACT7; LPLAT 7; LPIAT; Lyso-PI acyltransferase; O-acyltransferase domain-containing protein 7; h-mboa-7

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/mboat7-antibody-western-blot-elisa/289530>