

# Anti-MBOAT2 antibody ab121453

[1 References](#) [6 图像](#)

### 概述

产品名称	Anti-MBOAT2抗体
描述	兔多克隆抗体to MBOAT2
宿主	Rabbit
经测试应用	适用于: ICC/IF, IHC-P, WB
种属反应性	与反应: Human
免疫原	antigen sequence corresponding to amino acids 468-520 (TQRRKNTHEN IQLSQSKKFD EGENSLGQNS FSTTNNVCNQ NQEIASRHSS LKQ) of Human MBOAT2. <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
阳性对照	WB: RT-4 and U-251 MG cell lysates; Human Liver lysate; IHC: human small intestine, prostate, lymph node, and cerebral cortex tissues. ICC: A-431 cells.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine)
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

### 应用

## The Abpromise guarantee

**Abpromise™** 承诺保证使用 ab121453 于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		Use a concentration of 1 - 4 µg/ml. Recommend PFA Fixation and Triton X-100 treatment
IHC-P		1/1000 - 1/2500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use a concentration of 0.04 - 0.4 µg/ml.

## 靶标

### 功能

Acyltransferase which mediates the conversion of lysophosphatidylethanolamine (1-acyl-sn-glycero-3-phosphoethanolamine or LPE) into phosphatidylethanolamine (1,2-diacyl-sn-glycero-3-phosphoethanolamine or PE) (LPEAT activity). Catalyzes also the acylation of lysophosphatidic acid (LPA) into phosphatidic acid (PA) (LPAAT activity). Has also a very weak lysophosphatidylcholine acyltransferase (LPCAT activity). Prefers oleoyl-CoA as the acyl donor. Lysophospholipid acyltransferases (LPLATs) catalyze the reacylation step of the phospholipid remodeling pathway also known as the Lands cycle.

### 组织特异性

Expressed in neutrophils.

### 通路

Lipid metabolism; phospholipid metabolism.

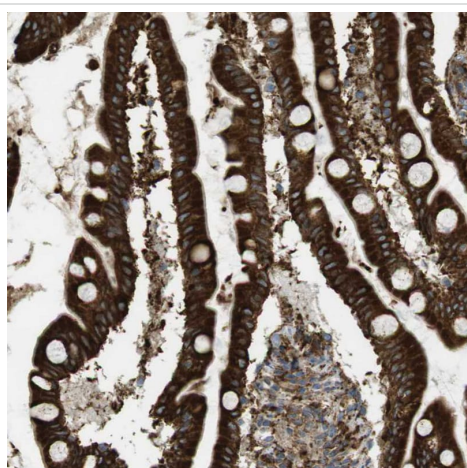
### 序列相似性

Belongs to the membrane-bound acyltransferase family.

### 细胞定位

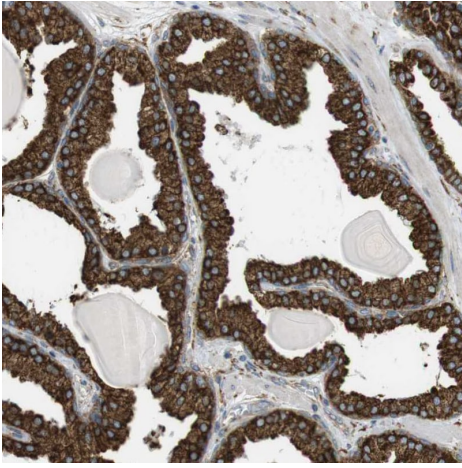
Membrane.

## 图片



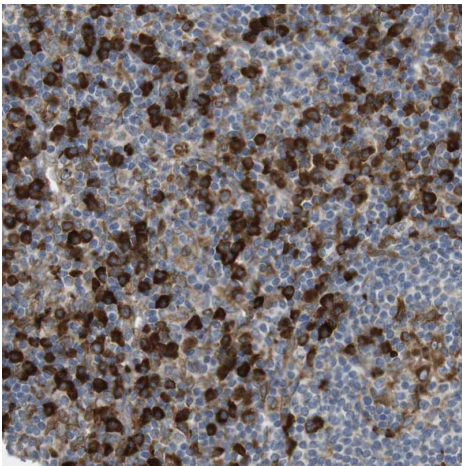
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human small intestine tissue labelling MBOAT2 with ab121453 at 1/1000 dilution. Heat mediated antigen retrieval performed with citrate buffer pH 6 before commencing with IHC staining protocol

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MBOAT2 antibody (ab121453)



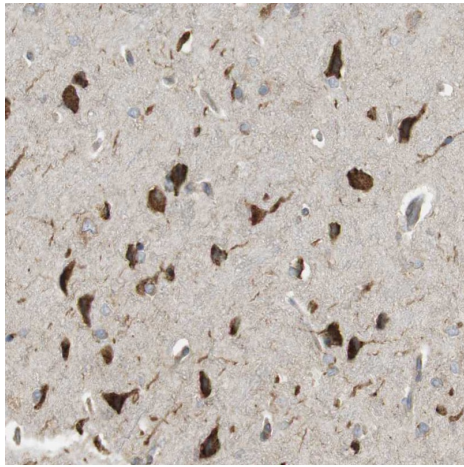
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human prostate tissue labelling MBOAT2 with ab121453 at 1/1000 dilution. Heat mediated antigen retrieval performed with citrate buffer pH 6 before commencing with IHC staining protocol

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MBOAT2 antibody (ab121453)



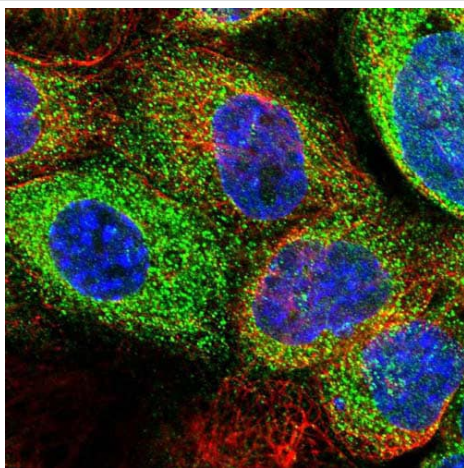
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human lymph node tissue labelling MBOAT2 with ab121453 at 1/1000 dilution. Heat mediated antigen retrieval performed with citrate buffer pH 6 before commencing with IHC staining protocol

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MBOAT2 antibody (ab121453)



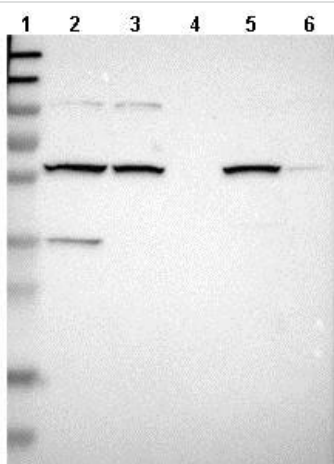
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MBOAT2 antibody (ab121453)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human cerebral cortex tissue labelling MBOAT2 with ab121453 at 1/1000 dilution. Heat mediated antigen retrieval performed with citrate buffer pH 6 before commencing with IHC staining protocol



Immunocytochemistry/ Immunofluorescence - Anti-MBOAT2 antibody (ab121453)

Immunofluorescent staining of Human cell line A-431 shows positivity in cytoplasm. Recommended concentration of ab121453 1-4 µg/ml. Cells treated with PFA/Triton X-100.



Western blot - Anti-MBOAT2 antibody (ab121453)

**All lanes** : Anti-MBOAT2 antibody (ab121453) at 1/250 dilution

**Lane 1** : Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11

**Lane 2** : RT-4 cell lysate

**Lane 3** : U-251 MG cell lysate

**Lane 4** : Human Plasma lysate

**Lane 5** : Human Liver lysate

**Lane 6** : Human Tonsil lysate

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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