

Anti-I-FABP antibody ab60272

★★★★★ [2 Abreviews](#) [5 References](#) [3 图像](#)

概述

产品名称	Anti-I-FABP抗体
描述	山羊多克隆抗体to I-FABP
宿主	Goat
经测试应用	适用于: WB, ICC/IF, IHC-P, Flow Cyt, ELISA
种属反应性	与反应: Cat, Human 预测可用于: Rat, Horse, Chicken, Cow, Dog, Pig, Chimpanzee, Rhesus monkey 
免疫原	Synthetic peptide corresponding to Human I-FABP aa 121-132 (C terminal). Sequence: C-EGVEAKRIFKKD (Peptide available as ab115238) <div>  Run BLAST with  Run BLAST with </div>
阳性对照	WB: Human duodenum and ileum lysates. IHC-P: Human small intestine tissue. Flow Cyt: A431 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&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: 7.30 Preservative: 0.02% Sodium azide Constituents: Tris buffered saline, 0.5% BSA
纯度	Immunogen affinity purified
纯化说明	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

chromatography using the immunizing peptide.

克隆

多克隆

同种型

IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab60272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
WB		Use a concentration of 0.001 - 0.003 µg/ml. Detects a band of approximately 16 kDa (predicted molecular weight: 15 kDa). A 1 hour primary incubation is recommended for this product.
ICC/IF		Use at an assay dependent concentration. PubMed: 23236492
IHC-P	★★★★★ (1)	Use a concentration of 2 - 3 µg/ml.
Flow Cyt		Use a concentration of 10 µg/ml.
ELISA		Use at an assay dependent concentration. Antibody detection limit dilution 1:64000.

靶标

功能

FABP are thought to play a role in the intracellular transport of long-chain fatty acids and their acyl-CoA esters. FABP2 is probably involved in triglyceride-rich lipoprotein synthesis. Binds saturated long-chain fatty acids with a high affinity, but binds with a lower affinity to unsaturated long-chain fatty acids. FABP2 may also help maintain energy homeostasis by functioning as a lipid sensor.

组织特异性

Expressed in the small intestine and at much lower levels in the large intestine. Highest expression levels in the jejunum.

序列相似性

Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.

结构域

Forms a beta-barrel structure that accommodates the hydrophobic ligand in its interior.

细胞定位

Cytoplasm.

图片



Western blot - Anti-I-FABP antibody (ab60272)

Lane 1 : Anti-I-FABP antibody (ab60272) at 0.001 µg/ml

Lane 2 : Anti-I-FABP antibody (ab60272) at 0.003 µg/ml

Lane 1 : Human Duodenum lysate in RIPA buffer

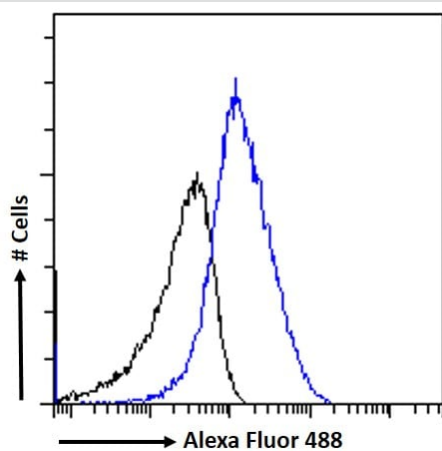
Lane 2 : Ileum lysate in RIPA buffer

Lysates/proteins at 35 µg per lane.

Predicted band size: 15 kDa

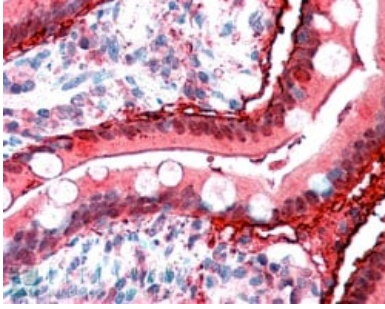
Observed band size: 15-16 kDa

Detected by chemiluminescence.



Flow Cytometry - Anti-I-FABP antibody (ab60272)

ab60272 Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



ab60272 (2.5µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-I-FABP antibody (ab60272)

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

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