

Anti-liver FABP antibody ab76812

3 图像

概述

产品名称	Anti-liver FABP抗体
描述	兔多克隆抗体to liver FABP
宿主	Rabbit
经测试应用	适用于: ICC/IF, WB
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Pig, Orangutan 
免疫原	Synthetic peptide corresponding to Human liver FABP aa 1-100 (N terminal) conjugated to keyhole limpet haemocyanin. (Peptide available as ab91438)
阳性对照	This antibody gave a positive signal in WB on human liver tissue lysate. ICC/IF: MCF7 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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.
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ab76812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 5 µg/ml.
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 14 kDa (predicted molecular weight: 14 kDa).

靶标

功能

Binds free fatty acids and their coenzyme A derivatives, bilirubin, and some other small molecules in the cytoplasm. May be involved in intracellular lipid transport.

序列相似性

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

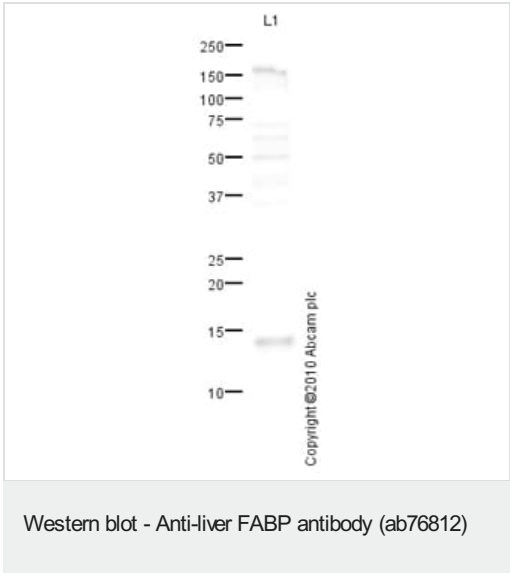
结构域

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

细胞定位

Cytoplasm.

图片



Anti-liver FABP antibody (ab76812) at 1 µg/ml + Human liver tissue lysate - total protein (**ab29889**) at 10 µg

Secondary

Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Developed using the ECL technique.

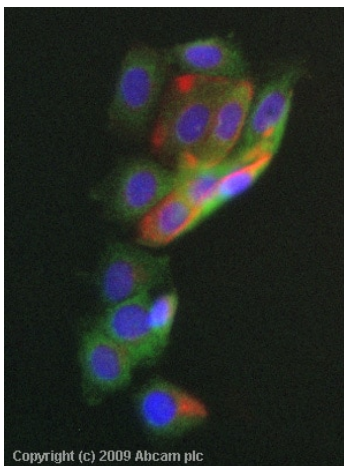
Performed under reducing conditions.

Predicted band size: 14 kDa

Observed band size: 14 kDa

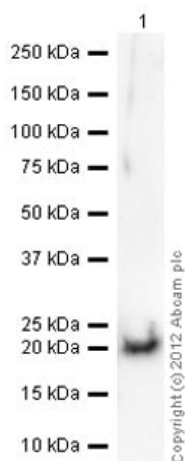
Additional bands at: 160 kDa, 50 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 5 minutes



Immunocytochemistry/ Immunofluorescence - Anti-liver FABP antibody (ab76812)

ICC/IF image of ab76812 stained MCF7 cells. The cells were 4% PFA fixed (10 min) and then incubated in 1% BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab76812, 5µg/ml) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.



Western blot - Anti-liver FABP antibody (ab76812)

Anti-liver FABP antibody (ab76812) at 1 µg/ml + Recombinant Human liver FABP protein ([ab82994](#)) at 0.01 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) preadsorbed ([ab97080](#)) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 14 kDa

Exposure time: 8 minutes

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

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