


Anti-Bile Acid Receptor NR1H4 antibody ab85606

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概述	
产品名称	Anti-Bile Acid Receptor NR1H4抗体
描述	兔多克隆抗体to Bile Acid Receptor NR1H4
宿主	Rabbit
特异性	From Jan 2024, QC testing of replenishment batches of this polyclonal changed. All tested and expected application and reactive species combinations are still covered by our Abcam product promise. However, we no longer test all applications. For more information on a specific batch, please contact our Scientific Support who will be happy to help.
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, Hamster, Cow 
免疫原	Synthetic peptide corresponding to Bile Acid Receptor NR1H4 aa 50-150 conjugated to keyhole limpet haemocyanin. (Peptide available as <a href="#">ab97929</a> )
阳性对照	This antibody gave a positive signal in the following lysates: HepG2 Whole Cell; Human Kidney Tissue; Human Small Intestine.
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. 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ab85606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 52 kDa (predicted molecular weight: 56 kDa).

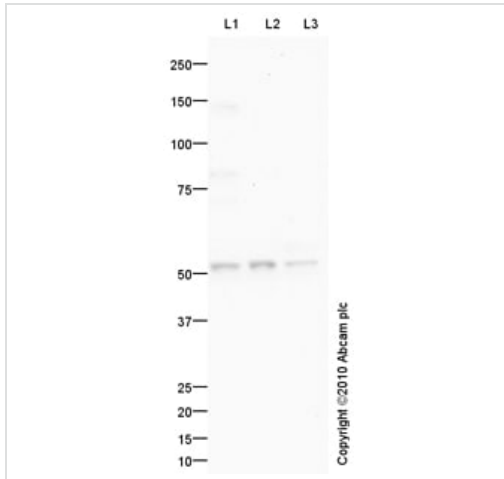
## 靶标

**功能** Ligand-activated transcription factor. Receptor for bile acids such as chenodeoxycholic acid, lithocholic acid and deoxycholic acid. Represses the transcription of the cholesterol 7-alpha-hydroxylase gene (CYP7A1) through the induction of NR0B2 or FGF19 expression, via two distinct mechanisms. Activates the intestinal bile acid-binding protein (IBABP). Activates the transcription of bile salt export pump ABCB11 by directly recruiting histone methyltransferase CARM1 to this locus.

**序列相似性** Belongs to the nuclear hormone receptor family. NR1 subfamily.  
Contains 1 nuclear receptor DNA-binding domain.

**细胞定位** Nucleus.

## 图片



Western blot - Anti-Bile Acid Receptor NR1H4 antibody (ab85606)

**All lanes :** Anti-Bile Acid Receptor NR1H4 antibody (ab85606) at 1 µg/ml

**Lane 1 :** HepG2 (Human hepatocellular liver carcinoma cell line) Whole Cell Lysate

**Lane 2 :** Human kidney tissue lysate - total protein (**ab30203**)

**Lane 3 :** Human small intestine tissue lysate - total protein (**ab29276**)

Lysates/proteins at 10 µg per lane.

## Secondary

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

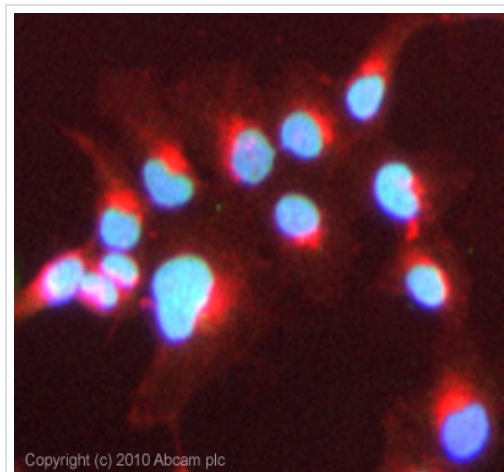
Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 56 kDa

**Observed band size:** 52 kDa

**Exposure time:** 20 minutes



Immunocytochemistry/ Immunofluorescence - Anti-Bile Acid Receptor NR1H4 antibody (ab85606)

ICC/IF image of ab85606 stained Hek293 cells. The cells were 100% methanol fixed (5 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 (ab85606, 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. This antibody also gave a positive result in 4% PFA fixed (10 min) HeLa and HepG2 cells at 5µg/ml.

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

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