abcam

Product datasheet

Anti-PCYT2 antibody ab15053

2 References 1 图像

概述

产品名称	Anti-PCYT2抗体
描述	**兔多克隆抗体**to PCYT2
宿主	Rabbit
经测试应用	**适用于:** ICC
种属反应性	**与反应:** Human **预测可用于:** Cow, Non human primates
免疫原	Synthetic peptide corresponding to Human PCYT2 aa 157-172. Sequence: TKAHHSSQEMSSEYRE (Peptide available as **ab39790**) Run BLAST with Run BLAST with
常规说明	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. 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

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	Preservative: 0.02% Thimerosal (merthiolate) Constituents: 99% Tris glycine, 0.1% BSA
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ab15053于以下的经测试应用**

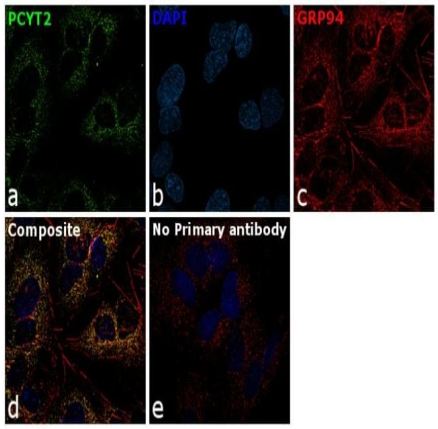
"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC		Use a concentration of 5 µg/ml.

靶标

功能	Plays an important role in the biosynthesis of the phospholipid phosphatidylethanolamine. Catalyzes the formation of CDP-ethanolamine.
组织特异性	Strongest expression in liver, heart, and skeletal muscle.
通路	Phospholipid metabolism; phosphatidylethanolamine biosynthesis; phosphatidylethanolamine from ethanolamine: step 2/3.
序列相似性	Belongs to the cytidylyltransferase family.

图片



Immunocytochemistry - Anti-PCYT2 antibody (ab15053)

Immunofluorescence analysis of PCYT2 in Hep G2 cells using ab15053. The cells were fixed with 4% paraformaldehyde, permeabilized with 0.1% Triton™ X-100, and blocked with 1% BSA. The cells were labeled with ab15053 at 5 µg/mL in 0.1% BSA and incubated incubated at 4 degree Celsius overnight followed by a Alexa Fluor® 488 Goat anti-Rabbit IgG (H+L) Secondary Antibody at 1/2000 dilution for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with with DAPI. F-actin (Panel c: red) was stained with Alexa Fluor® 555 Donkey anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody at 2µg/ml. (Panel d) represents the merged image showing co-localization of PCYT2 with GRP94 in Endoplasmic Reticulum. (Panel e) shows the no primary antibody control. The images were captured at 60X magnification.

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