abcam

Product datasheet

Anti-Glucosidase 2 subunit beta antibody [EPR8046] ab134071

敲除验证 重组 RabMAb

2 References 4 图像

概述

产品名称	Anti-Glucosidase 2 subunit beta抗体[EPR8046]
描述	兔单克隆抗体[EPR8046] to Glucosidase 2 subunit beta
宿主	Rabbit
经测试应用	**适用于:** WB, IHC-P **不适用于:** Flow Cyt or ICC/IF
种属反应性	**与反应:** Human **预测可用于:** Mouse, Rat
免疫原	Synthetic peptide within Human Glucosidase 2 subunit beta aa 1-100 (N terminal). The exact sequence is proprietary.
阳性对照	HEK293T, Daudi, HeLa, Jurkat and A431 cell lysates; Human kidney tissue.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information **see here**. Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
纯度	Protein A purified
克隆	单克隆

克隆编号	EPR8046
同种型	IgG

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab134071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。

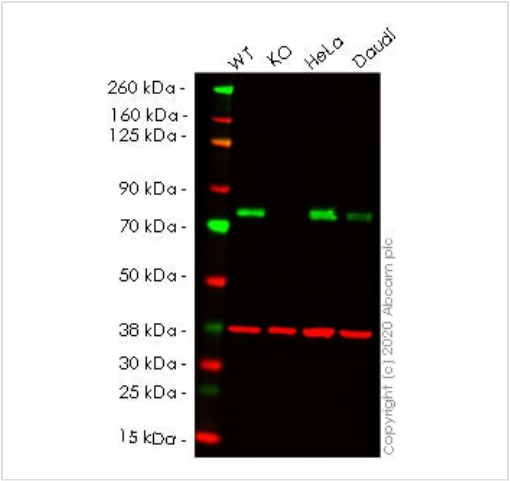
应用	Ab评论	说明
WB		1/1000 - 1/10000. Detects a band of approximately 80 kDa (predicted molecular weight: 59 kDa).
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

应用说明 Is unsuitable for Flow Cyt or ICC/IF.

靶标

功能	Regulatory subunit of glucosidase II.
通路	Glycan metabolism; N-glycan metabolism.
疾病相关	Defects in PRKCSH are a cause of polycystic liver disease (PCLD) [MIM:174050]. PCLD is an autosomal dominant disorder and is characterized by the presence of multiple liver cysts of biliary epithelial origin. PCLD is a distinct clinical and genetic entity that can occur independently from autosomal dominant polycystic kidney disease (ADPKD) [MIM:173900], which in a considerable but uncertain proportion of cases is associated with hepatic cysts.
序列相似性	Contains 2 EF-hand domains. Contains 1 PRKCSH domain.
细胞定位	Endoplasmic reticulum.

图片



Western blot - Anti-Glucosidase 2 subunit beta antibody [EPR8046] (ab134071)

All lanes : Anti-Glucosidase 2 subunit beta antibody [EPR8046] (ab134071) at 1/1000 dilution

Lane 1 : Wild-type HEK-293T cell lysate
Lane 2 : PRKCSH knockout HEK-293T cell lysate
Lane 3 : HeLa cell lysate
Lane 4 : Daudi cell lysate

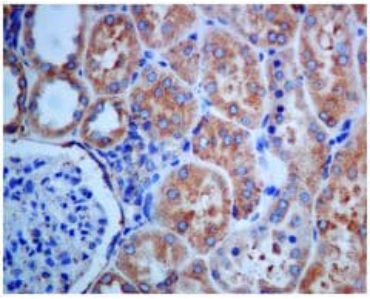
Lysates/proteins at 20 µg per lane.

Performed under reducing conditions.

Predicted band size: 59 kDa
Observed band size: 80 kDa

Lanes 1- 4: Merged signal (red and green). Green - ab134071 observed at 80 kDa. Red - Anti-GAPDH antibody [6C5] - Loading Control (**ab8245**) observed at 37 kDa.

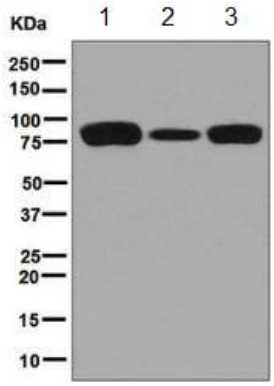
ab134071 was shown to react with PRKCSH in wild-type HEK-293T cells in western blot. Loss of signal was observed when knockout cell line **ab266770** (knockout cell lysate **ab257608**) was used. Wild-type HEK-293T and PRKCSH knockout HEK-293T cell lysates were subjected to SDS-PAGE. Membrane was blocked for 1 hour at room temperature in 0.1% TBST with 3% non-fat dried milk. ab134071 and Anti-GAPDH antibody [6C5] - Loading Control (**ab8245**) overnight at 4°C at a 1 in 1000 dilution and a 1 in 20000 dilution respectively. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye®800CW) preadsorbed (**ab216773**) and Goat anti-Mouse IgG H&L (IRDye®680RD) preadsorbed (**ab216776**) secondary antibodies at 1 in 20000 dilution for 1 hour at room temperature before imaging.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Glucosidase 2 subunit beta antibody [EPR8046] (ab134071)

Immunohistochemical analysis of paraffin-embedded Human kidney tissue labelling Glucosidase 2 subunit beta with ab134071 at 1/100 dilution.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Western blot - Anti-Glucosidase 2 subunit beta antibody [EPR8046] (ab134071)

All lanes : Anti-Glucosidase 2 subunit beta antibody [EPR8046] (ab134071) at 1/1000 dilution

Lane 1 : HeLa cell lysate
Lane 2 : Jurkat cell lysate
Lane 3 : A431 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary
All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 59 kDa

Anti-Glucosidase 2 subunit beta antibody [EPR8046] (ab134071)

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