

Anti-Calnexin antibody [EPR21240] - ER Membrane Marker ab241154

敲除验证 重组

1 References 2 图像

概述

产品名称	Anti-Calnexin抗体[EPR21240] - ER膜Marker
描述	兔单克隆抗体[EPR21240] to Calnexin - ER膜Marker
宿主	Rabbit
经测试应用	适用于: WB 不适用于: ICC/IF
种属反应性	与反应: Mouse, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: HAP1, NIH3T3 and MEF1 cells
常规说明	This product was made using synthetic libraries and phage display technology . This antibody is a recombinant chimeric antibody. Rabbit chimeric monoclonal antibody (Human Fab/ Rabbit Fc).

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 long term. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.02% Sodium azide Constituents: PBS, 1% BSA
克隆	单克隆
克隆编号	EPR21240
同种型	IgG1

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab241154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 1 µg/ml. Predicted molecular weight: 68 kDa. Abcam recommends a 5% milk block for this product.

应用说明 Is unsuitable for ICC/IF.

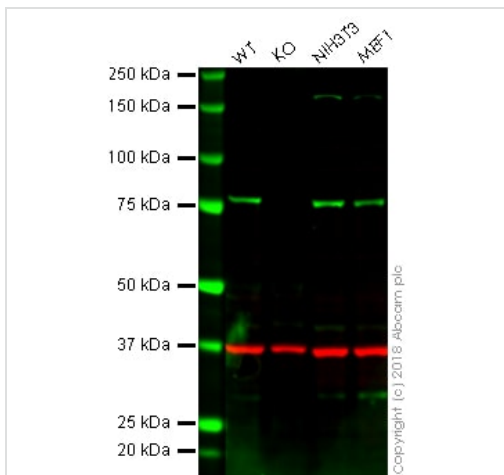
靶标

功能 Calcium-binding protein that interacts with newly synthesized glycoproteins in the endoplasmic reticulum. It may act in assisting protein assembly and/or in the retention within the ER of unassembled protein subunits. It seems to play a major role in the quality control apparatus of the ER by the retention of incorrectly folded proteins.

序列相似性 Belongs to the calreticulin family.

细胞定位 Endoplasmic reticulum membrane. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

图片



Western blot - Anti-Calnexin antibody [EPR21240] - ER Membrane Marker (ab241154)

All lanes :

Lane 1 : HAP1 whole cell lysate

Lane 2 : HAP1 CANX KO whole cell lysate

Lane 3 : NIH3T3 whole cell lysate

Lane 4 : MEF1 whole cell lysate

Lysates/proteins at 20 µg per lane.

Performed under reducing conditions.

Predicted band size: 68 kDa

Observed band size: 80 kDa

ab241154 was shown to specifically react with CANX (Calnexin) in wild type HAP1 cells. No band was observed when CANX (calnexin) knockout samples were used. Wild-type and CANX (calnexin) knockout samples were subjected to SDS-PAGE. ab241154 and [ab8245](#) (Mouse anti-GAPDH loading control) were incubated overnight at 4°C at 1ug/ml dilution and 1/10000 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 1/20000 dilution for 1 hour at room temperature before imaging.

Why choose a recombinant antibody?



- Research with confidence**
Consistent and reproducible results
- Long-term and scalable supply**
Recombinant technology
- Success from the first experiment**
Confirmed specificity
- Ethical standards compliant**
Animal-free production

Anti-Calnexin antibody [EPR21240] - ER Membrane Marker (ab241154)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors