


Anti-ERp57 antibody ab88098

敲除验证

★★★★★ 1 Abreviews 2 图像

概述

产品名称	Anti-ERp57抗体
描述	兔多克隆抗体to ERp57
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: Mouse, Human, Chinese hamster 预测可用于: Sheep, Goat, Cow, Baboon, Orangutan 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
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	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: PBS</p> <p>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.</p>
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ab88098于以下的经测试应用

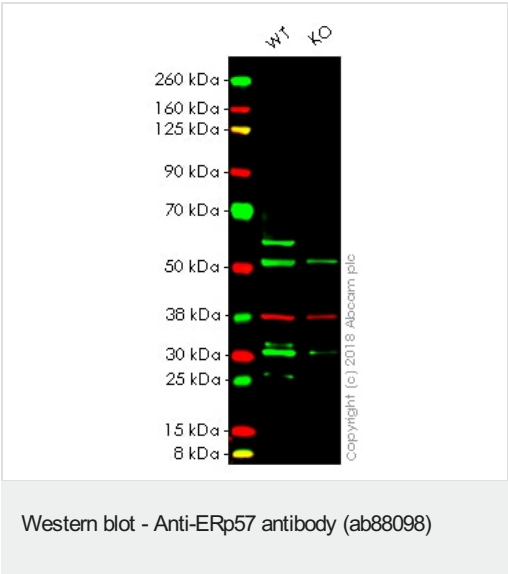
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 57 kDa (predicted molecular weight: 57 kDa).

靶标

组织特异性	Detected in the flagellum and head region of spermatozoa (at protein level).
序列相似性	Belongs to the protein disulfide isomerase family. Contains 2 thioredoxin domains.
细胞定位	Endoplasmic reticulum lumen. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

图片



All lanes : Anti-ERp57 antibody (ab88098) at 1 µg/ml

Lane 1 : Wild-type HAP1 whole cell lysate

Lane 2 : PDIA3 (ERp57) knockout HAP1 whole cell lysate

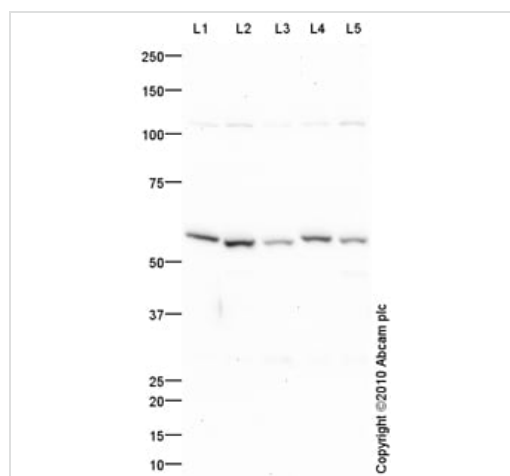
Lysates/proteins at 20 µg per lane.

Predicted band size: 57 kDa

Lanes 1 - 2: Merged signal (red and green). Green - ab88098 observed at 57 kDa. Red - loading control, **ab9484**, observed at 37 kDa.

ab88098 was shown to recognize PDIA3 in wild-type HAP1 cells as signal was lost at the expected MW in PDIA3 (ERp57) knockout cells. Additional cross-reactive bands were observed in the wild-type and knockout cells. Wild-type and PDIA3 (ERp57) knockout samples were subjected to SDS-PAGE. Ab88098 and **ab9484** (Mouse anti-GAPDH loading control) were incubated overnight at 4°C at 1 µg/ml and 1/20000 dilution respectively. Blots were

developed with Goat anti-Rabbit IgG H&L (IRDye® 800CW)
preabsorbed **ab216773** and Goat anti-Mouse IgG H&L (IRDye®
680RD) preabsorbed **ab216776** secondary antibodies at 1/10000
dilution for 1 hour at room temperature before imaging.



Western blot - Anti-ERp57 antibody (ab88098)

All lanes : Anti-ERp57 antibody (ab88098) at 1 µg/ml

Lane 1 : HeLa (Human epithelial carcinoma cell line) Whole Cell Lysate

Lane 2 : HepG2 (Human hepatocellular liver carcinoma cell line) Whole Cell Lysate

Lane 3 : HEK293 (Human embryonic kidney cell line) Whole Cell Lysate

Lane 4 : RAW 264.7 (Mouse leukaemic monocyte macrophage cell line) Whole Cell Lysate

Lane 5 : CHO-K1 cell lysate Whole Cell Lysate

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: 57 kDa

Observed band size: 57 kDa

Additional bands at: 110 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 2 minutes

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

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