


Anti-MPP1 antibody [EPR5865] ab108528

敲除验证 重组 RabMAb

1 References 3 图像

概述

产品名称	Anti-MPP1抗体[EPR5865]
描述	兔单克隆抗体[EPR5865] to MPP1
宿主	Rabbit
经测试应用	适用于: WB 不适用于: Flow Cyt, ICC/IF, IHC-P or IP
种属反应性	与反应: Human 预测可用于: Mouse 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: K562, 293T, and Jurkat cell lysates
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Rat: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C.
存储溶液	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
纯度	Tissue culture supernatant

克隆	单克隆
克隆编号	EPR5865
同种型	IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab108528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. Predicted molecular weight: 52 kDa.

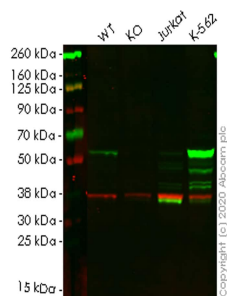
应用说明

Is unsuitable for Flow Cyt,ICC/IF,IHC-P or IP.

靶标

功能	Essential regulator of neutrophil polarity. Regulates neutrophil polarization by regulating AKT1 phosphorylation through a mechanism that is independent of PIK3CG activity.
组织特异性	Ubiquitous.
序列相似性	Belongs to the MAGUK family. Contains 1 guanylate kinase-like domain. Contains 1 PDZ (DHR) domain. Contains 1 SH3 domain.
翻译后修饰	Extensively palmitoylated.
细胞定位	Membrane. Cell projection > stereocilium. Colocalizes with WHRN at stereocilium tip during hair cell development (By similarity). Colocalizes with MPP5 in the retina, at the outer limiting membrane (OLM). Colocalizes with WHRN in the retina, at the outer limiting membrane (OLM), outer plexiform layer (OPL), basal bodies and at the connecting cilium (CC). Colocalizes with NF2 in non-myelin-forming Schwann cells.

图片



Western blot - Anti-MPP1 antibody [EPR5865] (ab108528)

All lanes : Anti-MPP1 antibody [EPR5865] (ab108528) at 1/1000 dilution

Lane 1 : Wild-type HEK293T cell lysate

Lane 2 : MPP1 knockout HEK293T cell lysate

Lane 3 : Jurkat cell lysate

Lane 4 : K-562 cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

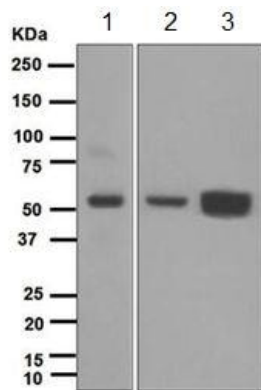
All lanes : Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed ([ab216773](#)) at 1/10000 dilution

Predicted band size: 52 kDa

Observed band size: 52 kDa

Lanes 1-4: Merged signal (red and green). Green - ab108528 observed at 52 kDa. Red - loading control [ab8245](#) observed at 36 kDa.

ab108528 Anti-MPP1 antibody [EPR5865] was shown to specifically react with MPP1 in wild-type HEK293T cells. Loss of signal was observed when knockout cell line [ab267248](#) (knockout cell lysate [ab258051](#)) was used. Wild-type and MPP1 knockout samples were subjected to SDS-PAGE. ab108528 and Anti-GAPDH antibody [6C5] - Loading Control ([ab8245](#)) were incubated overnight at 4°C at 1 in 1000 dilution and 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.



Western blot - Anti-MPP1 antibody [EPR5865] (ab108528)

All lanes : Anti-MPP1 antibody [EPR5865] (ab108528) at 1/1000 dilution

Lane 1 : K562 cell lysate

Lane 2 : 293T cell lysate

Lane 3 : Jurkat cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 52 kDa

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-MPP1 antibody [EPR5865] (ab108528)

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

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