

Product datasheet

Anti-Flotillin 1 antibody [EP446Y] ab78178

敲除验证
重组
RabMAb

4 图像

概述

产品名称	Anti-Flotillin 1 抗体[EP446Y]
描述	兔单克隆抗体[EP446Y] to Flotillin 1
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: Mouse, Human
免疫原	Synthetic peptide within Human Flotillin 1 aa 50-150. The exact sequence is proprietary. Database link: O75955
阳性对照	K562 cell lysate. C2C12 cell lysate.
常规说明	

Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb[®] patents](#)

We are constantly working hard to ensure we provide our customers with best in class antibodies. As a result of this work we are pleased to now offer this antibody in purified format. We are in the process of updating our datasheets. The purified format is designated 'PUR' on our product labels. If you have any questions regarding this update, please contact our Scientific Support team.

This product is a recombinant rabbit monoclonal antibody.

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. Avoid freeze / thaw cycle.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol, 0.05% BSA
纯度	Protein A purified
克隆	单克隆

克隆编号 EP446Y
同种型 IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab78178** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		1/2000. Predicted molecular weight: 48 kDa. For unpurified, use 1/500 - 1/1000.

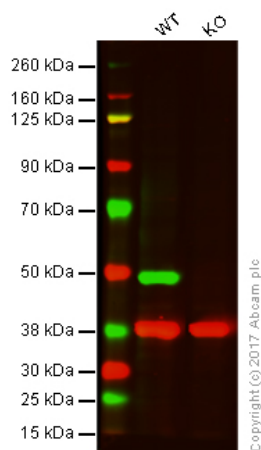
靶标

功能 May act as a scaffolding protein within caveolar membranes, functionally participating in formation of caveolae or caveolae-like vesicles.

序列相似性 Belongs to the band 7/mec-2 family. Flotillin subfamily.

细胞定位 Cell membrane. Membrane > caveola. Melanosome. Endosome. Membrane-associated protein of caveolae. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

图片



Western blot - Anti-Flotillin 1 antibody [EP446Y] (ab78178)

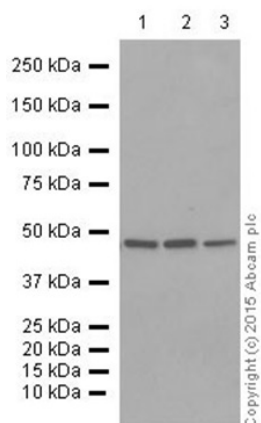
Lane 1: Wild-type HAP1 whole cell lysate (20 μ g)

Lane 2: Flotillin 1 knockout HAP1 whole cell lysate (20 μ g)

Lanes 1 - 2: Merged signal (red and green).

Green - ab78178 observed at 47 kDa. Red - loading control, ab9484, observed at 37 kDa.

ab78178 was shown to specifically react with Flotillin 1 in wild-type HAP1 cells as signal was lost in Flotillin 1 knockout cells. Wild-type and Flotillin 1 knockout samples were subjected to SDS-PAGE. ab78178 and ab9484 (Mouse anti-GAPDH loading control) were incubated overnight at 4°C at 1/500 dilution 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 1/20000 dilution for 1 hour at room temperature before imaging.



Western blot - Anti-Flotillin 1 antibody [EP446Y] (ab78178)

All lanes : Anti-Flotillin 1 antibody [EP446Y] (ab78178) at 1/2000 dilution (purified)

Lane 1 : mouse brain lysate at 10 μ g

Lane 2 : rat brain lysate at 20 μ g

Lane 3 : C6 cell lysate at 20 μ g

Secondary

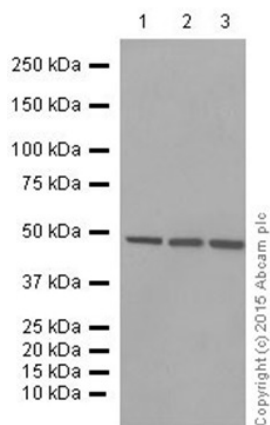
All lanes : HRP goat anti-rabbit IgG (H+L) at 1/50000 dilution

Predicted band size: 48 kDa

Observed band size: 49 kDa

Blocking buffer: 5% NFDm/TBST

Dilution buffer: 5% NFDm/TBST



Western blot - Anti-Flotillin 1 antibody [EP446Y]
(ab78178)

All lanes : Anti-Flotillin 1 antibody [EP446Y]
(ab78178) at 1/2000 dilution (purified)

Lane 1 : K562 cell lysate

Lane 2 : A431 cell lysate

Lane 3 : HeLa cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : HRP goat anti-rabbit IgG (H+L) at
1/50000 dilution

Predicted band size: 48 kDa

Observed band size: 49 kDa

Blocking buffer: 5% NFDm/TBST

Dilution buffer: 5% NFDm/TBST



Western blot - Anti-Flotillin 1 antibody [EP446Y]
(ab78178)

Anti-Flotillin 1 antibody [EP446Y] (ab78178) at
1/500 dilution (unpurified) + K562 cell lysate

Predicted band size: 48 kDa

Observed band size: 48 kDa

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