


Anti-Actin Regulatory Protein CAPG/MCP antibody [EPR13194-34] ab181095

KO 評価済 リコンビナント RabMAb

★★★★★ 1 Abreviews 画像数 4

製品の概要

製品名	Anti-Actin Regulatory Protein CAPG/MCP antibody [EPR13194-34]
製品の詳細	Rabbit monoclonal [EPR13194-34] to Actin Regulatory Protein CAPG/MCP
由来種	Rabbit
アプリケーション	適用あり: WB
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat 
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: THP-1, U937 and HeLa cell lysates.
特記事項	<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>

製品の特性

製品の状態	Liquid
保存方法	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.
バッファー	Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
精製度	Tissue culture supernatant
ポリ/モノ	モノクローナル
クローン名	EPR13194-34

アイソタイプ

IgG

アプリケーション

The Abpromise guarantee

Abpromise保証は、次のテスト済みアプリケーションにおけるab181095の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	1/1000 - 1/50000. Detects a band of approximately 39 kDa (predicted molecular weight: 38 kDa).

ターゲット情報

機能

Calcium-sensitive protein which reversibly blocks the barbed ends of actin filaments but does not sever preformed actin filaments. May play an important role in macrophage function. May play a role in regulating cytoplasmic and/or nuclear structures through potential interactions with actin. May bind DNA.

組織特異性

Macrophages and macrophage-like cells.

配列類似性

Belongs to the villin/gelsolin family.

Contains 3 gelsolin-like repeats.

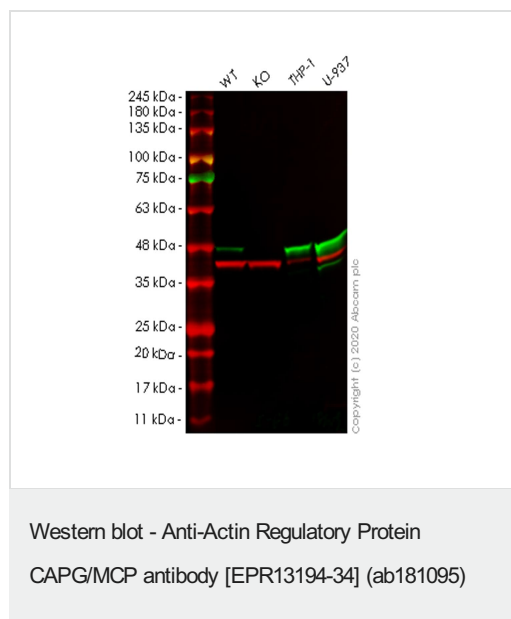
翻訳後修飾

The N-terminus is blocked.

細胞内局在

Cytoplasm. Nucleus. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

画像



All lanes : Anti-Actin Regulatory Protein CAPG/MCP antibody
[EPR13194-34] (ab181095) at 1/1000 dilution

Lane 1 : Wild-type HeLa cell lysate

Lane 2 : CAPG knockout HeLa cell lysate

Lane 3 : THP-1 cell lysate

Lane 4 : U-937 cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

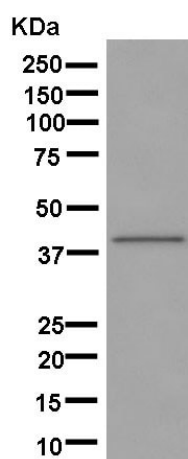
All lanes : Goat anti-Rabbit IgG H&L (IRDye® 800CW)
preadsorbed (**ab216773**) at 1/10000 dilution

Predicted band size: 38 kDa

Observed band size: 48 kDa

Lanes 1-4: Merged signal (red and green). Green - ab181095 observed at 48 kDa. Red - loading control **ab8245** observed at 36 kDa.

ab181095 Anti-Actin Regulatory Protein CAPG/MCP antibody [EPR13194-34] was shown to specifically react with Actin Regulatory Protein CAPG/MCP in wild-type HeLa cells. Loss of signal was observed when knockout cell line **ab265766** (knockout cell lysate **ab257378**) was used. Wild-type and Actin Regulatory Protein CAPG/MCP knockout samples were subjected to SDS-PAGE. ab181095 and Anti-GAPDH antibody [6C5] - Loading Control (**ab8245**) were incubated at room temperature for 2.5 hours 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.



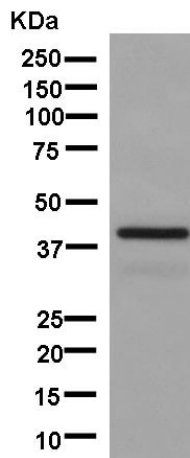
Western blot - Anti-Actin Regulatory Protein
CAPG/MCP antibody [EPR13194-34] (ab181095)

Anti-Actin Regulatory Protein CAPG/MCP antibody [EPR13194-34] (ab181095) at 1/10000 dilution + HeLa cell lysate at 20 µg

Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 38 kDa



Western blot - Anti-Actin Regulatory Protein
CAPG/MCP antibody [EPR13194-34] (ab181095)

Anti-Actin Regulatory Protein CAPG/MCP antibody [EPR13194-34]
(ab181095) at 1/50000 dilution + U937 cell lysate at 20 µg

Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000
dilution

Predicted band size: 38 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-Actin Regulatory Protein CAPG/MCP antibody
[EPR13194-34] (ab181095)

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