abcam

Product datasheet

Anti-RhoGDI antibody [EPR3773] ab133248

KO 評価済 リコンビナント RabMAb

★★★★★ 1 Abreviews 7 References 画像数 6

製品の概要

製品名	Anti-RhoGDI antibody [EPR3773]
製品の詳細	Rabbit monoclonal [EPR3773] to RhoGDI
由来種	Rabbit
アプリケーション	**適用あり:** WB, IHC-P **適用なし:** Flow Cyt or IP
種交差性	**交差種:** Mouse, Human **交差が予測される動物種:** Rat
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: HEK293T, Jurkat, HeLa and NIH3T3 cell lysates. IHC-P: Human breast carcinoma tissue.
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information **see here**. Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.2 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR3773

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ab133248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。

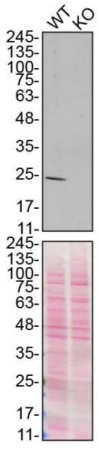
アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	1/1000 - 1/10000. Predicted molecular weight: 23 kDa.
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

追加情報 Is unsuitable for Flow Cyt or IP.

ターゲット情報

機能	Regulates the GDP/GTP exchange reaction of the Rho proteins by inhibiting the dissociation of GDP from them, and the subsequent binding of GTP to them.
配列類似性	Belongs to the Rho GDI family.
細胞内局在	Cytoplasm.

画像



Western blot - Anti-RhoGDI antibody [EPR3773] (ab133248)

All lanes : Anti-RhoGDI antibody [EPR3773] (ab133248) at 1/1000 dilution

Lane 1 : Wild-type HEK293T cell lysate
Lane 2 : ARHGDIA knockout HEK293T cell lysate

Lysates/proteins at 20 µg per lane.

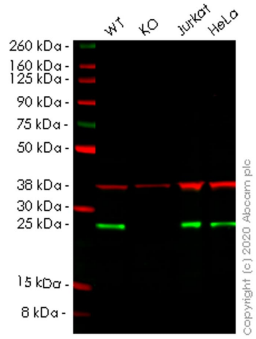
Performed under reducing conditions.

Predicted band size: 23 kDa

ab133248 was shown to react with aRHGDIA in wild-type HEK293T cells in Western blot with loss of signal observed in ARHGDIA knockout cell line **ab266447** (ARHGDIA knockout cell lysate **ab257356**). Wild-type HEK293T and ARHGDIA knockout cell lysates were subjected to SDS-PAGE. Membranes were blocked in

5% milk in TBST for 1 hr before incubation with ab133248 overnight at 4 °C at a 1/1000 dilution. Blots were incubated with goat anti-rabbit HRP secondary antibodies at 0.2µg/mL before imaging.

These data were provided by YCharOS Inc., an open science company with the mission of characterizing commercially available antibody reagents for all human proteins. Abcam and YCharOS are working together to help address the reproducibility crisis by enabling the life science community to better evaluate commercially available antibodies.



Western blot - Anti-RhoGDI antibody [EPR3773] (ab133248)

All lanes : Anti-RhoGDI antibody [EPR3773] (ab133248) at 1/1000 dilution

Lane 1 : Wild-type HEK293T cell lysate
Lane 2 : ARHGDIA knockout HEK293T cell lysate
Lane 3 : Jurkat cell lysate
Lane 4 : HeLa cell lysate

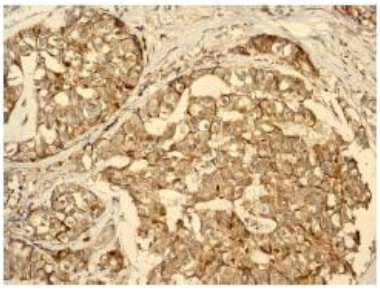
Lysates/proteins at 20 µg per lane.

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

Predicted band size: 23 kDa
Observed band size: 23 kDa

Lanes 1-4: Merged signal (red and green). Green - ab133248 observed at 23 kDa. Red - loading control **ab8245** observed at 36 kDa.

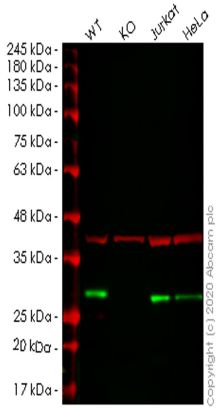
ab133248 Anti-RhoGDI antibody [EPR3773] was shown to specifically react with RhoGDI in wild-type HEK293T cells. Loss of signal was observed when knockout cell line **ab266446** (knockout cell lysate **ab257355**) was used. Wild-type and RhoGDI knockout samples were subjected to SDS-PAGE. ab133248 and 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.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RhoGDI antibody [EPR3773] (ab133248)

Immunohistochemical analysis of paraffin embedded Human breast carcinoma tissue labelling RhoGDI with ab133248 at 1/100 dilution.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Western blot - Anti-RhoGDI antibody [EPR3773] (ab133248)

All lanes : Anti-RhoGDI antibody [EPR3773] (ab133248) at 1/1000 dilution

Lane 1 : Wild-type HEK293T cell lysate
Lane 2 : ARHGDIA knockout HEK293T cell lysate
Lane 3 : Jurkat cell lysate
Lane 4 : HeLa cell lysate

Lysates/proteins at 20 µg per lane.

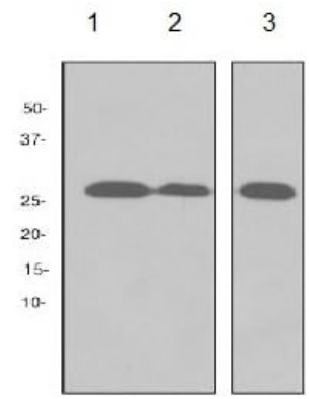
Secondary
All lanes : Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed (**ab216773**) at 1/10000 dilution

Predicted band size: 23 kDa
Observed band size: 27 kDa

Lanes 1-4: Merged signal (red and green). Green - ab133248 observed at 27 kDa. Red - loading control **ab8245** observed at 36 kDa.

ab133248 Anti-RhoGDI antibody [EPR3773] was shown to specifically react with RhoGDI in wild-type HEK293T cells. Loss of signal was observed when knockout cell line **ab266447** (knockout cell lysate **ab257356**) was used. Wild-type and RhoGDI knockout samples were subjected to SDS-PAGE. ab133248 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-RhoGDI antibody [EPR3773] (ab133248)

All lanes : Anti-RhoGDI antibody [EPR3773] (ab133248) at 1/1000 dilution

Lane 1 : Jurkat cell lysate
Lane 2 : HeLa cell lysate
Lane 3 : NIH3T3 cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 23 kDa

Anti-RhoGDI antibody [EPR3773] (ab133248)

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