

### Anti-Rab11A antibody [EPR7587(B)] ab128913

リコンビナント **RabMAb**

★★★★★ **2 Abreviews** **14 References** 画像数 6

#### 製品の概要

製品名	Anti-Rab11A antibody [EPR7587(B)]
製品の詳細	Rabbit monoclonal [EPR7587(B)] to Rab11A
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, IP <b>適用なし:</b> ICC/IF or IHC-P
種交差性	<b>交差種:</b> Mouse, Rat, Human
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: PC12, HeLa and A549 cells.
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> For more information <a href="#">see here</a> . Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a> .

#### 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. Avoid freeze / thaw cycle.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR7587(B)
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ab128913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確認ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	1/10000 - 1/50000. Predicted molecular weight: 24 kDa.
IP		1/10 - 1/100.

**追加情報** Is unsuitable for ICC/IF or IHC-P.

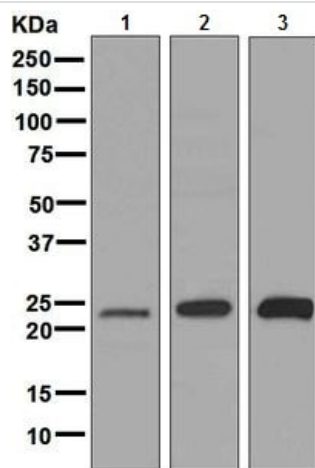
## ターゲット情報

**機能** Regulates endocytic recycling. May exert its functions by interacting with multiple effector proteins in different complexes. Acts as a major regulator of membrane delivery during cytokinesis. Together with MYO5B and RAB8A participates in epithelial cell polarization. Together with RAB3IP, RAB8A, the exocyst complex, PARD3, PRKCI, ANXA2, CDC42 and DNMBP promotes transcytosis of PODXL to the apical membrane initiation sites (AMIS), apical surface formation and lumenogenesis (By similarity). Together with MYO5B participates in CFTR trafficking to the plasma membrane and TF (Transferrin) recycling in nonpolarized cells. Required in a complex with MYO5B and RAB11FIP2 for the transport of NPC1L1 to the plasma membrane. Participates in the sorting and basolateral transport of CDH1 from the Golgi apparatus to the plasma membrane. Regulates the recycling of FCGRT (receptor of Fc region of monomeric Ig G) to basolateral membranes.

**配列類似性** Belongs to the small GTPase superfamily. Rab family.

**細胞内局在** Cell membrane. Recycling endosome membrane. Cleavage furrow. Translocates with RAB11FIP2 from the vesicles of the endocytic recycling compartment (ERC) to the plasma membrane. Localizes to the cleavage furrow. Colocalizes with PARD3, PRKCI, EXOC5, OCLN, PODXL and RAB8A in apical membrane initiation sites (AMIS) during the generation of apical surface and lumenogenesis.

## 画像



Western blot - Anti-Rab11A antibody [EPR7587(B)]  
(ab128913)

**All lanes :** Anti-Rab11A antibody [EPR7587(B)] (ab128913) at 1/10000 dilution (unpurified)

**Lane 1 :** PC12 cell lysate

**Lane 2 :** HeLa cell lysate

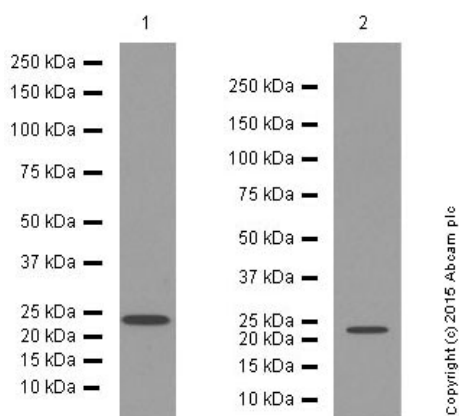
**Lane 3 :** A549 cell lysate

Lysates/proteins at 10 µg per lane.

#### Secondary

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

**Predicted band size:** 24 kDa



Western blot - Anti-Rab11A antibody [EPR7587(B)]  
(ab128913)

**All lanes :** Anti-Rab11A antibody [EPR7587(B)] (ab128913) at 1/10000 dilution (purified)

**Lane 1 :** Rat brain lysate

**Lane 2 :** PC-12 cell lysate

Lysates/proteins at 10 µg per lane.

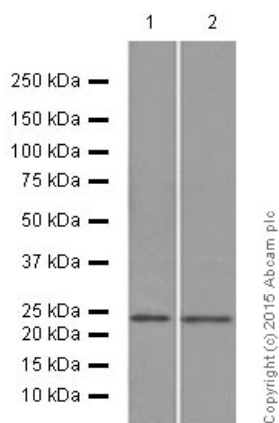
#### Secondary

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/10000 dilution (Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated)

**Predicted band size:** 24 kDa

Blocking buffer and concentration: 5% NFDM/TBST.

Diluting buffer and concentration: 5% NFDM /TBST.



Western blot - Anti-Rab11A antibody [EPR7587(B)]  
(ab128913)

**All lanes :** Anti-Rab11A antibody [EPR7587(B)] (ab128913) at 1/10000 dilution (purified)

**Lane 1 :** Mouse brain cell lysate

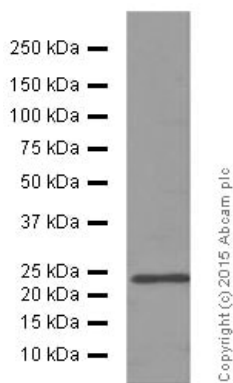
**Lane 2 :** Mouse spleen lysate

Lysates/proteins at 20 µg per lane.

#### Secondary

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/10000 dilution (Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated)

**Predicted band size:** 24 kDa



Western blot - Anti-Rab11A antibody [EPR7587(B)]  
(ab128913)

Anti-Rab11A antibody [EPR7587(B)] (ab128913) at 1/10000 dilution (purified) + A549 cell lysate at 20 µg

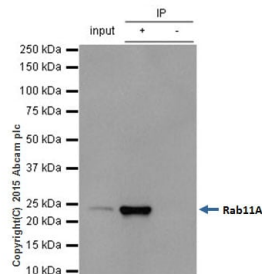
#### Secondary

Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/10000 dilution (Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated)

**Predicted band size:** 24 kDa

Blocking buffer and concentration: 5% NFDM/TBST.

Diluting buffer and concentration: 5% NFDM /TBST.



Immunoprecipitation - Anti-Rab11A antibody  
[EPR7587(B)] (ab128913)

ab128913 (purified) at 1/20 immunoprecipitating Rab11A in A549 whole cell lysate. 10 ug of cell lysate was present in the input. For western blotting, a HRP-conjugated Veriblot for IP Detection Reagent (**ab131366**) (1/10,000) was used for detection. A rabbit monoclonal IgG (**ab172730**) was used instead of ab128913 as a negative control (Lane 3).

Blocking buffer and concentration: 5% NFDM/TBST.

Diluting buffer and concentration: 5% NFDM /TBST.

#### 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-Rab11A antibody [EPR7587(B)] (ab128913)

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