

### Anti-SNAP29 antibody [EPR9199] ab138500

KO 評価済 リコンビナント RabMAb

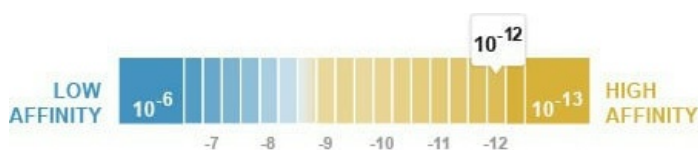
★★★★★ 4 Abreviews 18 References 画像数 7

#### 製品の概要

製品名	Anti-SNAP29 antibody [EPR9199]
製品の詳細	Rabbit monoclonal [EPR9199] to SNAP29
由来種	Rabbit
アプリケーション	適用あり: WB, IP 適用なし: ICC/IF or IHC-P
種交差性	交差種: Mouse, Rat, Human
免疫原	Synthetic peptide within Human SNAP29 aa 200-300 (C terminal). The exact sequence is proprietary.
ポジティブ・コントロール	WB: 293T, Jurkat, HepG2, and HeLa cell lysates.
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.
解離定数 (K <sub>D</sub> 値)	K <sub>D</sub> = 1.30 x 10 <sup>-12</sup> M



[Learn more about K<sub>D</sub>](#)

バッファー	Preservative: 0.01% Sodium azide
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	Constituents: 40% Glycerol, 0.05% BSA, 59% PBS
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR9199
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ab138500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。

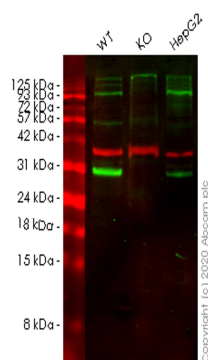
アプリケーション	Abreviews	特記事項
WB	★★★★★ (4)	1/1000 - 1/10000. Predicted molecular weight: 27 kDa.
IP		1/10 - 1/100.

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

## ターゲット情報

機能	Involved in multiple membrane trafficking steps.
組織特異性	Found in brain, heart, kidney, liver, lung, placenta, skeletal muscle, spleen and pancreas.
関連疾患	Defects in SNAP29 are the cause of CEDNIK syndrome (CEDNIK) [MIM:609528]. CEDNIK is a neurocutaneous syndrome characterized by cerebral dysgenesis, neuropathy, ichthyosis and palmoplantar keratoderma.
配列類似性	Belongs to the SNAP-25 family. Contains 1 t-SNARE coiled-coil homology domain.
細胞内局在	Cytoplasm. Membrane. Cell junction > synapse > synaptosome. Appears to be mostly membrane-bound, probably via interaction with syntaxins, but a significant portion is cytoplasmic.

## 画像



Western blot - Anti-SNAP29 antibody [EPR9199]  
(ab138500)

**All lanes** : Anti-SNAP29 antibody [EPR9199] (ab138500) at 1/1000 dilution

**Lane 1** : Wild-type HeLa cell lysate

**Lane 2** : SNAP29 knockout HeLa cell lysate

**Lane 3** : HepG2 cell lysate

Lysates/proteins at 20 µg per lane.

### Secondary

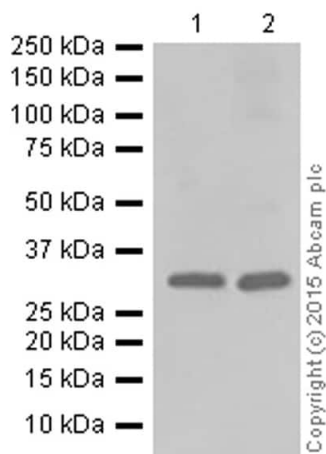
**All lanes** : Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed ([ab216773](#)) at 1/10000 dilution

**Predicted band size:** 27 kDa

**Observed band size:** 29 kDa

**Lanes 1-3:** Merged signal (red and green). Green - ab138500 observed at 29 kDa. Red - loading control [ab8245](#) observed at 36 kDa.

ab138500 Anti-SNAP29 antibody [EPR9199] was shown to specifically react with SNAP29 in wild-type HeLa cells. Loss of signal was observed when knockout cell line [ab265289](#) (knockout cell lysate [ab257693](#)) was used. Wild-type and SNAP29 knockout samples were subjected to SDS-PAGE. ab138500 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-SNAP29 antibody [EPR9199]  
(ab138500)

**All lanes :** Anti-SNAP29 antibody [EPR9199] (ab138500) at 1/2000 dilution (purified)

**Lane 1 :** Mouse brain lysate

**Lane 2 :** Rat brain lysate

Lysates/proteins at 20 µg per lane.

#### Secondary

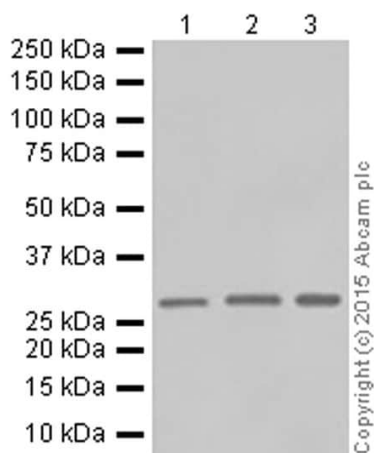
**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

**Predicted band size:** 27 kDa

**Observed band size:** 29 kDa

Blocking buffer: 5% NFDM/TBST

Dilution buffer: 5% NFDM/TBST



Western blot - Anti-SNAP29 antibody [EPR9199]  
(ab138500)

**All lanes :** Anti-SNAP29 antibody [EPR9199] (ab138500) at 1/2000 dilution (purified)

**Lane 1 :** HeLa cell lysate

**Lane 2 :** HEK293 cell lysate

**Lane 3 :** HepG2 cell lysate

Lysates/proteins at 20 µg per lane.

#### Secondary

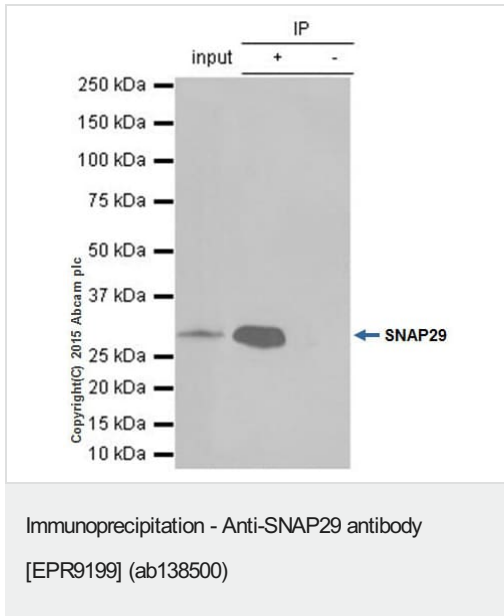
**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

**Predicted band size:** 27 kDa

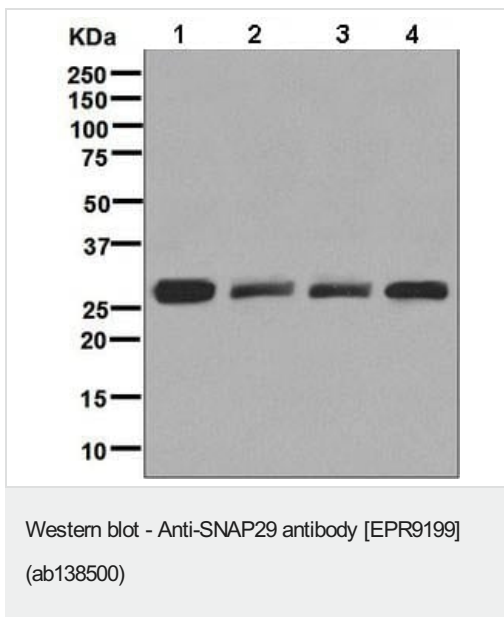
**Observed band size:** 29 kDa

Blocking buffer: 5% NFDM/TBST

Dilution buffer: 5% NFDM/TBST



ab138500 (purified) at 1/20 immunoprecipitating SNAP29 in 10 µg HeLa cell lysate (Lanes 1 and 2, observed at 29 kDa). Lane 3 - Rabbit monoclonal IgG (**ab172730**). For western blotting, VeriBlot for IP Detection Reagent (HRP) (**ab131366**), was used for detection at 1/1000 dilution. Blocking buffer and concentration: 5% NFDM/TBST Dilution buffer and concentration: 5% NFDM/TBST



**All lanes :** Anti-SNAP29 antibody [EPR9199] (ab138500) at 1/1000 dilution (unpurified)

**Lane 1 :** 293T cell lysate

**Lane 2 :** Jurkat cell lysate

**Lane 3 :** HepG2 cell lysate

**Lane 4 :** HeLa cell lysate

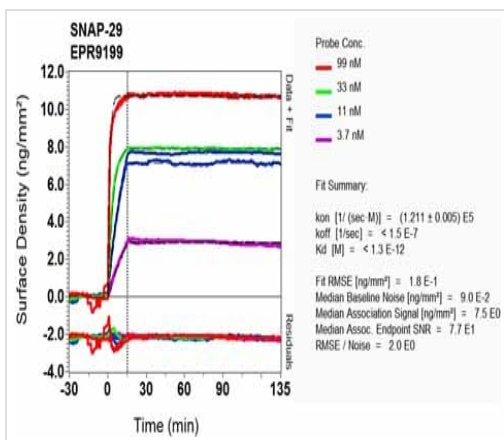
Lysates/proteins at 10 µg per lane.

#### Secondary

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

**Predicted band size:** 27 kDa

**Observed band size:** 29 kDa



SPR Scanning - Anti-SNAP29 antibody [EPR9199]  
(ab138500)

Equilibrium dissociation constant ( $K_D$ )

Learn more about  $K_D$

[Click here to learn more about  \$K\_D\$](#)

### 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-SNAP29 antibody [EPR9199] (ab138500)

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

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