


### Anti-TRPC1 antibody [EP1417Y] ab51255

リコンビナント **RabMAb**

★★★★★ **1 Abreviews** **9 References** **画像数 3**

#### 製品の概要

製品名	Anti-TRPC1 antibody [EP1417Y]
製品の詳細	Rabbit monoclonal [EP1417Y] to TRPC1
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB <b>適用なし:</b> ICC/IF or IHC
種交差性	<b>交差種:</b> Human <b>交差が予測される動物種:</b> Rat 
免疫原	Synthetic peptide corresponding to Human TRPC1.
ポジティブ・コントロール	HepG2 whole cell lysate ( <b>ab7900</b> ).
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <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> <p>For more information <b><a href="#">see here</a></b>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <b><a href="#">RabMAb<sup>®</sup> patents</a></b>.</p> <p>Mouse: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 50% 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 EP1417Y  
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ab51255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。

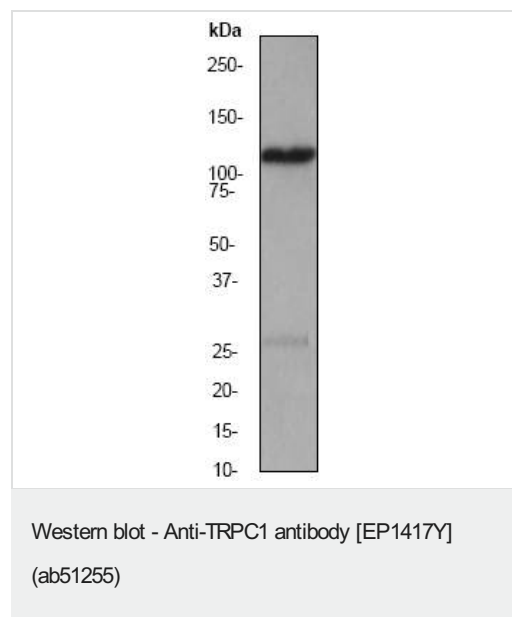
アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	1/10000. Detects a band of approximately 120 kDa (predicted molecular weight: 91 kDa).

追加情報 Is unsuitable for ICC/IF or IHC.

## ターゲット情報

機能	Thought to form a receptor-activated non-selective calcium permeant cation channel. Probably is operated by a phosphatidylinositol second messenger system activated by receptor tyrosine kinases or G-protein coupled receptors. Seems to be also activated by intracellular calcium store depletion.
組織特異性	Seems to be ubiquitous.
配列類似性	Belongs to the transient receptor (TC 1.A.4) family. STpC subfamily. TRPC1 sub-subfamily. Contains 4 ANK repeats.
翻訳後修飾	Activation of PRKCA induces phosphorylation of TRPC1 and subsequent Ca <sup>2+</sup> entry into cells.
細胞内局在	Membrane.

## 画像



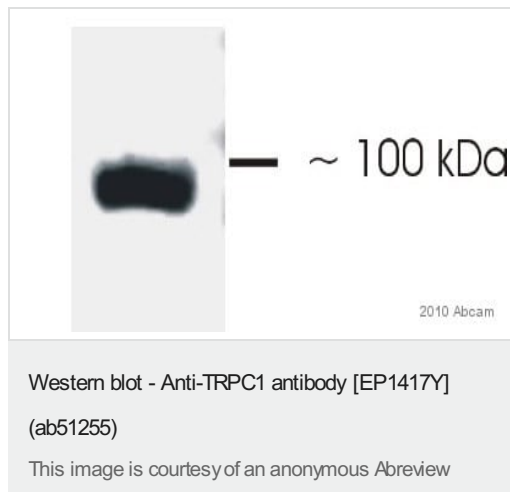
Anti-TRPC1 antibody [EP1417Y] (ab51255) at 1/10000 dilution +  
HepG2 cell lysate at 10 µg

### Secondary

Goat anti-Rabbit HRP labeled at 1/2000 dilution

**Predicted band size:** 91 kDa

**Observed band size:** 120 kDa



Anti-TRPC1 antibody [EP1417Y] (ab51255) at 1/500 dilution (for 16 hours) + Rat artery tissue lysate at 50 µg

### Secondary

An HRP-conjugated Goat anti-rabbit polyclonal at 1/10000 dilution

Developed using the ECL technique.

Performed under reducing conditions.





**Predicted band size:** 91 kDa

**Observed band size:** ~100 kDa

**Exposure time:** 5 minutes

**Blocking Step:** 5% Milk for 16 hours

Why choose a recombinant antibody?

 <p><b>Research with confidence</b> Consistent and reproducible results</p>	 <p><b>Long-term and scalable supply</b> Recombinant technology</p>
 <p><b>Success from the first experiment</b> Confirmed specificity</p>	 <p><b>Ethical standards compliant</b> Animal-free production</p>

Anti-TRPC1 antibody [EP1417Y] (ab51255)

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

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