


### Anti-TrkA + TrkB antibody [EPR1104(2)] ab109010

リコンビナント **RabMAb**

★★★★☆ **2 Abreviews** **1 References** 画像数 8

#### 製品の概要

製品名	Anti-TrkA + TrkB antibody [EPR1104(2)]
製品の詳細	Rabbit monoclonal [EPR1104(2)] to TrkA + TrkB
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, IHC-P <b>適用なし:</b> Flow Cyt, ICC/IF or IP
種交差性	<b>交差種:</b> Human <b>交差が予測される動物種:</b> Mouse, 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	Human fetal brain and SH SY5Y lysates; Human brain tissue.
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 -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 0.31% Sodium citrate, 0.175% Sodium chloride, 0.0172% EDTA, 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	EPR1104(2)

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ab109010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		1/1000 - 1/10000. Predicted molecular weight: 87 kDa.
IHC-P		1/250 - 1/500. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. Heat up to 98 degrees C, below boiling, and then let cool for 10-20 min.

### 追加情報

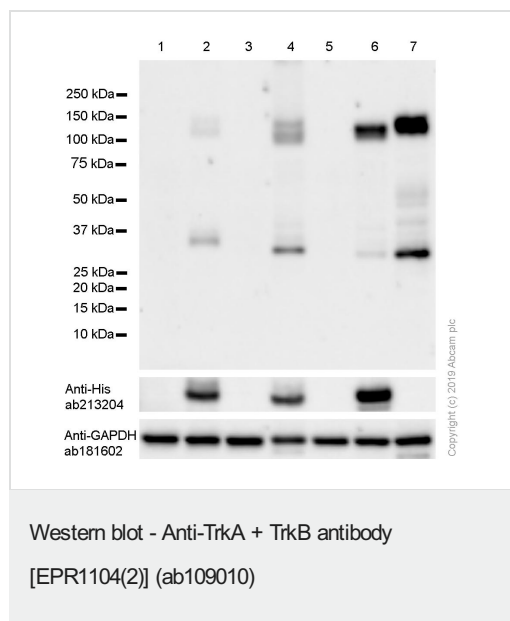
Is unsuitable for Flow Cyt, ICC/IF or IP.

## ターゲット情報

### 細胞内局在

TrkA: Cell membrane. Early endosome membrane. Late endosome membrane. Internalized to endosomes upon binding of NGF or NTF3 and further transported to the cell body via a retrograde axonal transport. Localized at cell membrane and early endosomes before nerve growth factor (NGF) stimulation. Recruited to late endosomes after NGF stimulation. Colocalized with RAPGEF2 at late endosomes (By similarity). TrkB: Membrane.

## 画像



**All lanes :** Anti-TrkA + TrkB antibody [EPR1104(2)] (ab109010) at 1.118 µg/ml (purified)

**Lanes 1 & 3 & 5 :** Empty vector overexpression 293T cell lysates

**Lane 2 :** His-Human TrkC overexpression 293T cell lysates

**Lane 4 :** His-Human TrkA overexpression 293T cell lysates

**Lane 6 :** His-Human TrkB overexpression 293T cell lysates

**Lane 7 :** Human brain lysate

Lysates/proteins at 20 µg per lane.

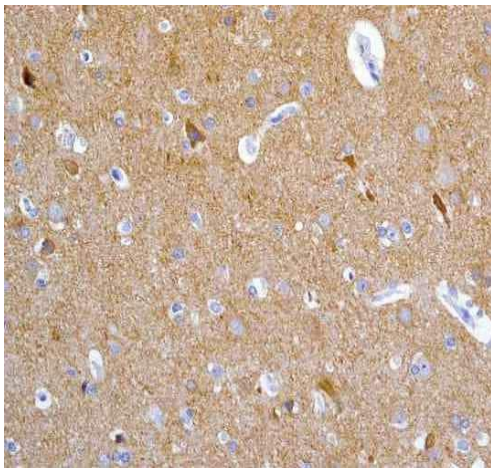
### Secondary

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 0.05 µg/ml

**Predicted band size:** 87 kDa

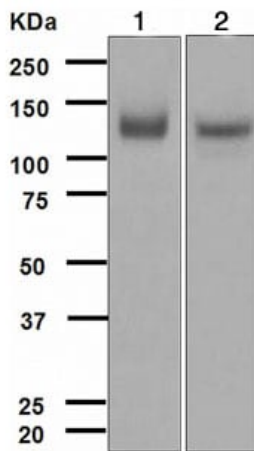
**Observed band size:** 120 kDa

Blocking/Diluting Buffer and concentration: 5% NFDM /TBST



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TrkA + TrkB antibody [EPR1104(2)] (ab109010)

ab109010 at 1/250 dilution staining TrkA + TrkB in Human brain by Immunohistochemistry, Paraffin-embedded tissue. Heat mediated antigen retrieval was performed before commencing with IHC staining protocol.



Western blot - Anti-TrkA + TrkB antibody [EPR1104(2)] (ab109010)

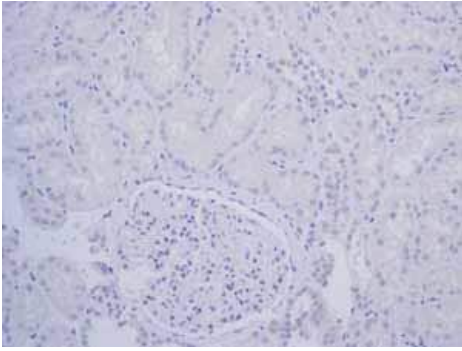
**All lanes :** Anti-TrkA + TrkB antibody [EPR1104(2)] (ab109010) at 1/1000 dilution

**Lane 1 :** Human fetal brain tissue lysate

**Lane 2 :** SH-SY5Y cell lysate

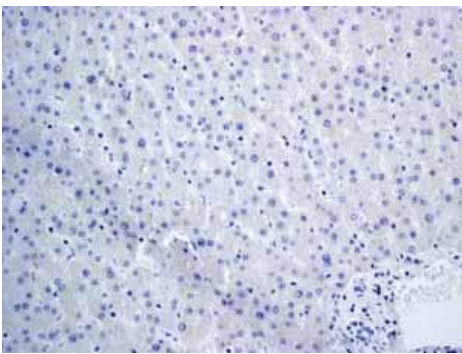
Lysates/proteins at 10 µg per lane.

**Predicted band size:** 87 kDa



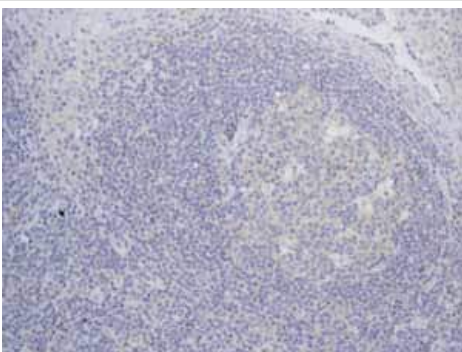
ab109010 showing negative staining in Normal human kidney tissue. Heat mediated antigen retrieval was performed before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TrkA + TrkB antibody [EPR1104(2)] (ab109010)



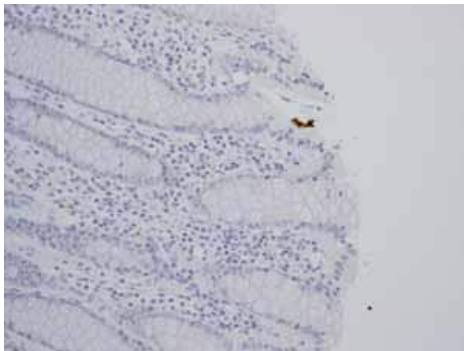
ab109010 showing negative staining in Normal human liver tissue. Heat mediated antigen retrieval was performed before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TrkA + TrkB antibody [EPR1104(2)] (ab109010)



ab109010 showing negative staining in Normal human tonsil tissue. Heat mediated antigen retrieval was performed before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TrkA + TrkB antibody [EPR1104(2)] (ab109010)



ab109010 showing negative staining in Normal human colon tissue.  
Heat mediated antigen retrieval was performed before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TrkA + TrkB antibody  
[EPR1104(2)] (ab109010)

#### 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-TrkA + TrkB antibody [EPR1104(2)] (ab109010)

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

#### Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise,

please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

#### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors