

### Anti-PPP2R5D antibody [EPR15617-50] ab188325


KO 評価済

リコンビナント

RabMAb

画像数 6

#### 製品の概要

製品名	Anti-PPP2R5D antibody [EPR15617-50]
製品の詳細	Rabbit monoclonal [EPR15617-50] to PPP2R5D
由来種	Rabbit
特異性	Based on sequence analysis, ab188325 recognizes 3 isoforms with the predicted MWs of 58kDa, 66kDa and 70kDa, respectively
アプリケーション	<b>適用あり:</b> WB, IHC-P, IP
種交差性	<b>交差種:</b> Rat, Human <b>交差が予測される動物種:</b> Mouse 
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: A431, MCF7, C6, HepG2, HeLa, Jurkat and 293T cell lysates. IHC-P: Human brain and astrocytoma tissues. IP: 293T 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 long term. Avoid freeze / thaw cycle.
バッファー	pH: 7.2 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	EPR15617-50
アイソタイプ	IgG

## アプリケーション

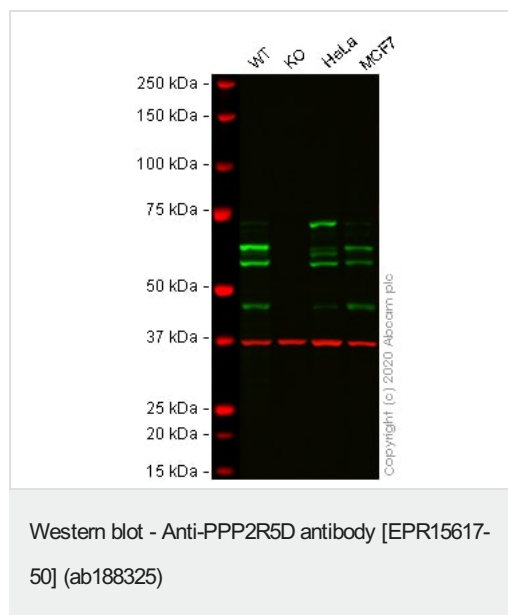
**The Abpromise guarantee** **Abpromise保証は、次のテスト済みアプリケーションにおけるab188325の使用に適用されます**  
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/10000 - 1/50000. Predicted molecular weight: 70 kDa.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
IP		1/40 - 1/60.

## ターゲット情報

機能	The B regulatory subunit might modulate substrate selectivity and catalytic activity, and also might direct the localization of the catalytic enzyme to a particular subcellular compartment.
組織特異性	Isoform Delta-2 is widely expressed. Isoform Delta-1 is highly expressed in brain.
配列類似性	Belongs to the phosphatase 2A regulatory subunit B56 family.
細胞内局在	Cytoplasm. Nucleus. Nuclear in interphase, nuclear during mitosis.

## 画像



**All lanes** : Anti-PPP2R5D antibody [EPR15617-50] (ab188325) at 1/10000 dilution

**Lane 1** : Wild-type A-431 (Human epidermoid carcinoma cell line) whole cell lysate

**Lane 2** : PPP2R5D knockout A-431 (Human epidermoid carcinoma cell line) whole cell lysate

**Lane 3** : HeLa (Human epithelial cell line from cervix adenocarcinoma) whole cell lysate

**Lane 4** : MCF7 (Human breast adenocarcinoma cell line) whole cell lysate

Lysates/proteins at 20 µg per lane.

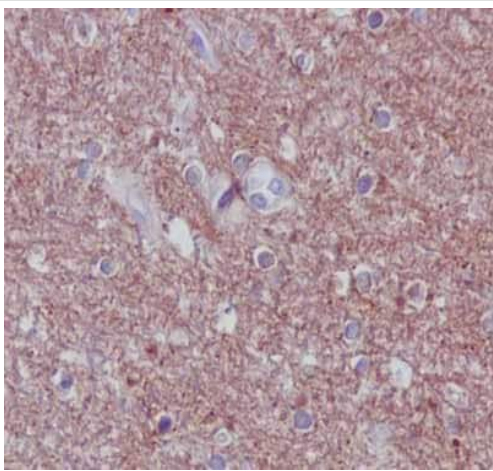
Performed under reducing conditions.

**Predicted band size:** 70 kDa

**Observed band size:** 60-65 kDa

**Lanes 1 - 4:** Merged signal (red and green). Green - ab188325 observed at 60-65 kDa. Red - loading control **ab8245** (Mouse anti-GAPDH antibody [6C5]) observed at 37kDa.

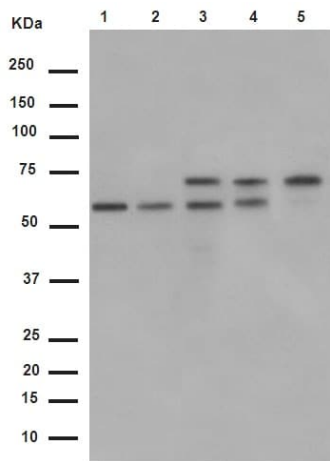
ab188325 was shown to react with PPP2R5D in wild-type A431 cells in western blot with loss of signal observed in PPP2R5D knockout sample. Wild-type and PPP2R5D knockout A431 cell lysates were subjected to SDS-PAGE. Membranes were blocked in 3% milk in TBS-T (0.1% Tween®) before incubation with ab188325 and **ab8245** (Mouse anti-GAPDH antibody [6C5]) overnight at 4°C at a 1 in 10000 Dilution and a 1 in 20000 dilution respectively. Blots were incubated with Goat anti-Rabbit IgG H&L (IRDye® 800CW) preabsorbed (**ab216773**) and Goat anti-Mouse IgG H&L (IRDye® 680RD) preabsorbed (**ab216776**) secondary antibodies at 1 in 20000 dilution for 1 hour at room temperature before imaging.



Immunohistochemical analysis of paraffin-embedded Human brain tissue labeling PPP2R5D with ab188325 at 1/100 dilution, followed by prediluted HRP Polymer for Rabbit IgG. Counter stained with Hematoxylin.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PPP2R5D antibody [EPR15617-50] (ab188325)



Western blot - Anti-PPP2R5D antibody [EPR15617-50] (ab188325)

**All lanes :** Anti-PPP2R5D antibody [EPR15617-50] (ab188325) at 1/50000 dilution

**Lane 1 :** C6 cell lysate

**Lane 2 :** HepG2 cell lysate

**Lane 3 :** 293T cell lysate

**Lane 4 :** HeLa cell lysate

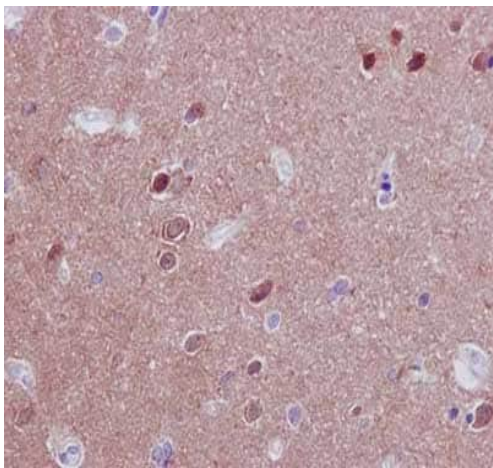
**Lane 5 :** Jurkat cell lysate

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes :** Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

**Predicted band size:** 70 kDa

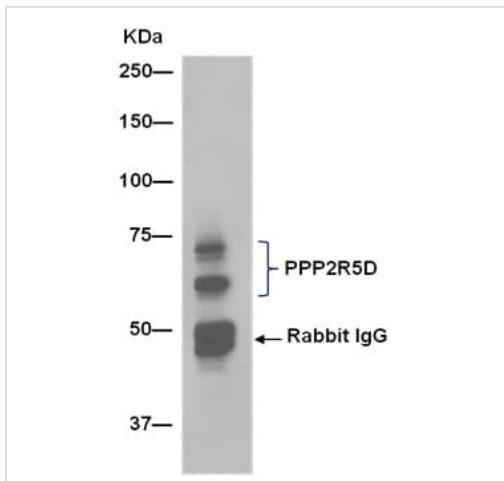


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PPP2R5D antibody [EPR15617-50] (ab188325)

Immunohistochemical analysis of paraffin-embedded

Human astrocytoma tissue labeling PPP2R5D with ab188325 at 1/100 dilution, followed by prediluted HRP Polymer for Rabbit IgG. Counter stained with Hematoxylin.





Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Western blot analysis of PPP2R5D in 293T cell lysate immunoprecipitated with ab188325 at 1/50 dilution. A Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1500 was used as secondary antibody.

Immunoprecipitation - Anti-PPP2R5D antibody [EPR15617-50] (ab188325)

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-PPP2R5D antibody [EPR15617-50] (ab188325)

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

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