

Anti-Dlx5 antibody [EPR4488] ab109737

リコンビナント RabMAb

13 References [画像数 8](#)

製品の概要

製品名	Anti-Dlx5 antibody [EPR4488]
製品の詳細	Rabbit monoclonal [EPR4488] to Dlx5
由来種	Rabbit
アプリケーション	適用あり: ICC/IF, WB, IHC-P
種交差性	交差種: 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: C6, RAW264.7, PC12, and HeLa whole cell lysate (ab150035). IHC-P: Human brain tissue.
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

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: 40% Glycerol, 59% PBS, 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	EPR4488
アイソタイプ	IgG

アプリケーション

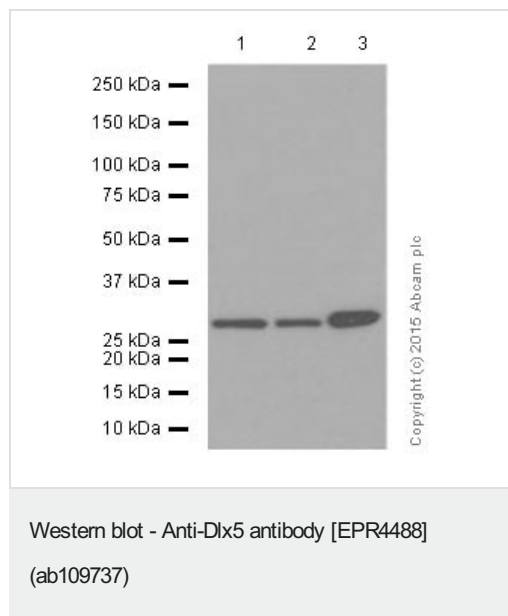
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab109737の使用に適用されず**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF		1/1000. For unpurified use at 1/50 - 1/100.
WB		1/1000 - 1/10000. Predicted molecular weight: 32 kDa.
IHC-P		1/1000. Perform heat mediated antigen retrieval via the pressure cooker method before commencing with IHC staining protocol. For unpurified use at 1/100 - 1/250. See IHC antigen retrieval protocols. Antigen retrieval recommended; heat up to 98°C, below boiling, and then let cool for 10-20 min.

ターゲット情報

細胞内局在 Nuclear

画像



Lanes 1-2 : Anti-Dlx5 antibody [EPR4488] (ab109737) at 1/5000 dilution (purified)

Lane 3 : Anti-Dlx5 antibody [EPR4488] (ab109737) at 1/10000 dilution (purified)

Lane 1 : C6 cell lysate

Lane 2 : RAW264.7 cell lysate

Lane 3 : PC-12 cell lysate

Lysates/proteins at 20 µg per lane.

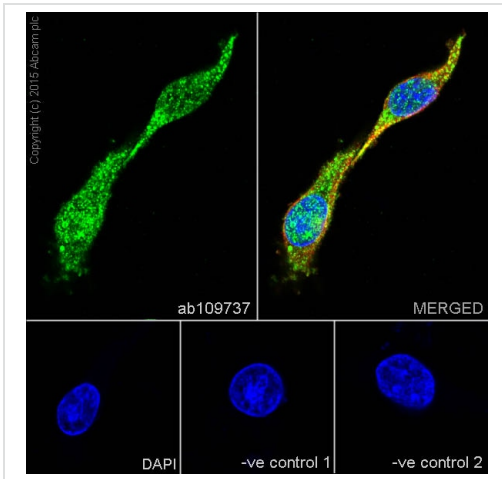
Secondary

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: 32 kDa

Blocking buffer and concentration: 5% NFDM/TBST.

Diluting buffer and concentration: 5% NFDM /TBST.

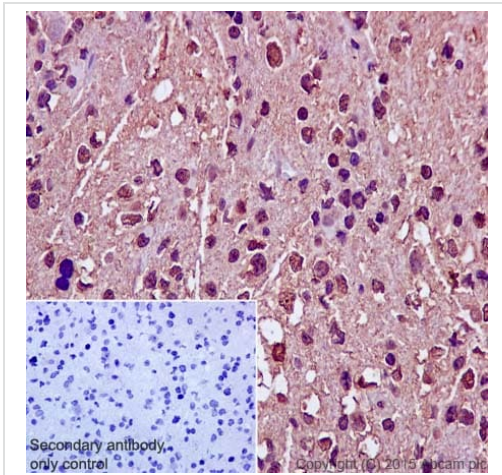


Immunocytochemistry/ Immunofluorescence - Anti-Dlx5 antibody [EPR4488] (ab109737)

Immunocytochemistry/Immunofluorescence analysis of C6 (rat glioma) cells labelling Dlx5 with purified ab109737 at 1/1000. Cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100. **ab150077**, an Alexa Fluor[®] 488-conjugated goat anti-rabbit IgG (1/500) was used as the secondary antibody. DAPI (blue) was used as the nuclear counterstain. **ab7291**, a mouse anti-tubulin (1/1000) and **ab150120**, an Alexa Fluor[®] 594-conjugated goat anti-mouse IgG (1/1000) were also used.

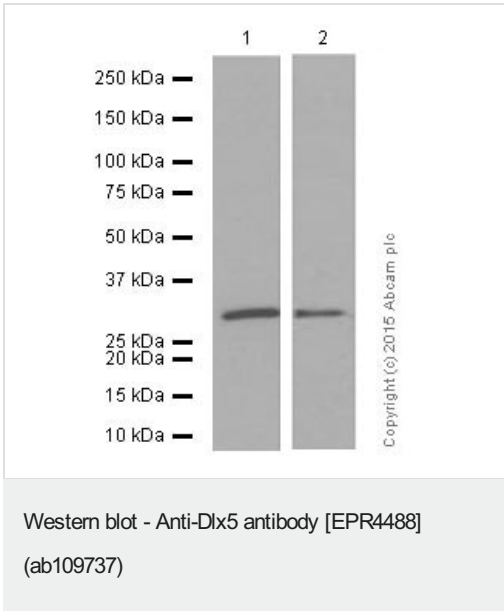
Control 1: primary antibody (1/100) and secondary antibody, **ab150120**, an Alexa Fluor[®] 594-conjugated goat anti-mouse IgG (1/500).

Control 2: **ab7291** (1/1000) and secondary antibody, **ab150077**, an Alexa Fluor[®] 488-conjugated goat anti-rabbit IgG (1/500).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Dlx5 antibody [EPR4488] (ab109737)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human astrocytoma tissue labelling Dlx5 with purified ab109737 at 1/1000. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9. **ab97051**, a goat anti-rabbit IgG H&L (HRP) was used as the secondary antibody (1/500). Negative control using PBS instead of primary antibody. Counterstained with hematoxylin.



All lanes : Anti-Dlx5 antibody [EPR4488] (ab109737) at 1/5000 dilution (purified)

Lane 1 : HeLa cell lysate

Lane 2 : U87-MG cell lysate

Lysates/proteins at 20 µg per lane.

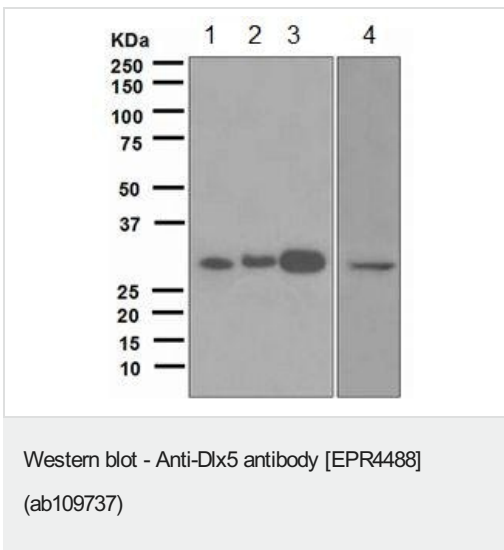
Secondary

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: 32 kDa

Blocking buffer and concentration: 5% NFDM/TBST.

Diluting buffer and concentration: 5% NFDM /TBST.



All lanes : Anti-Dlx5 antibody [EPR4488] (ab109737) at 1/1000 dilution (unpurified)

Lane 1 : C6 cell lysate

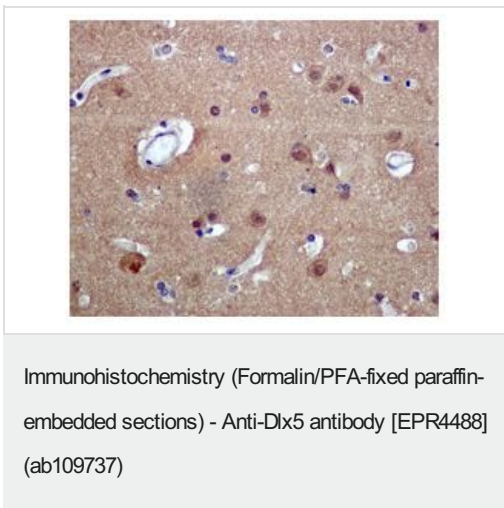
Lane 2 : RAW264.7 cell lysate

Lane 3 : PC12 cell lysate

Lane 4 : HeLa cell lysates

Lysates/proteins at 10 µg per lane.

Predicted band size: 32 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human brain tissue labelling Dlx5 with unpurified ab109737 at 1/100.

Perform heat mediated antigen retrieval via the pressure cooker method before commencing with IHC staining protocol.



Western blot - Anti-Dlx5 antibody [EPR4488]
(ab109737)

Lane 1 : Anti-Dlx5 antibody [EPR4488] (ab109737) at 1/1000 dilution

Lane 2 : Anti-GST antibody [EPR4236] - BSA and Azide free ([ab235384](#)) at 1/1000 dilution

Lane 3 : Anti-6X His tag antibody [EPR20547] - ChIP Grade ([ab213204](#)) at 1/1000 dilution

All lanes : GST and His tagged recombinant Human Dlx5 protein

Lysates/proteins at 0.01 µg per lane.

Secondary

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



Predicted band size: 32 kDa

Observed band size: 60 kDa

Exposure time: 3 seconds

Blocking buffer and concentration: 5% NFDM/TBST

Why choose a recombinant antibody?

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

Anti-Dlx5 antibody [EPR4488] (ab109737)

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

Our Promise 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