

Anti-CDNF antibody [EPR22334-99] ab253238

リコンビナント **RabMAb**

画像数 6

製品の概要

製品名	Anti-CDNF antibody [EPR22334-99]
製品の詳細	Rabbit monoclonal [EPR22334-99] to CDFN
由来種	Rabbit
アプリケーション	適用あり: IP, WB
種交差性	交差種: Mouse, Rat, Human
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: Recombinant Human CDFN Protein (aa25-187). Rat and human skeletal muscle tissue lysate. Human testis, liver, brain and kidney tissue lysate. IP: Human skeletal muscle tissue and testis lysate..
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 long term. Avoid freeze / thaw cycle.
バッファー	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: PBS, 0.05% BSA, 40% Glycerol (glycerin, glycerine)</p>
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR22334-99

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ab253238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
IP		1/30.
WB		1/1000. Predicted molecular weight: 21 kDa.

ターゲット情報

機能

Trophic factor for dopamine neurons. Prevents the 6-hydroxydopamine (6-OHDA)-induced degeneration of dopaminergic neurons. When administered after 6-OHDA-lesioning, restores the dopaminergic function and prevents the degeneration of dopaminergic neurons in substantia nigra.

組織特異性

Widely expressed in neuronal and non-neuronal tissues. In the brain, highest levels in the optic nerve and corpus callosum.

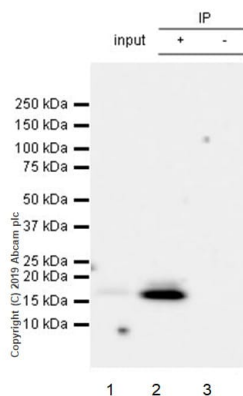
配列類似性

Belongs to the ARMET family.

細胞内局在

Secreted.

画像



Immunoprecipitation - Anti-CDNF antibody

[EPR22334-99] (ab253238)

CDNF was immunoprecipitated from 0.35 mg human testis tissue lysate with ab253238 at 1/30 dilution. Western blot was performed on the immunoprecipitate using ab253238 at 1/500 dilution. VeriBlot for IP Detection Reagent (HRP) ([ab131366](#)), was used at 1/1000 dilution.

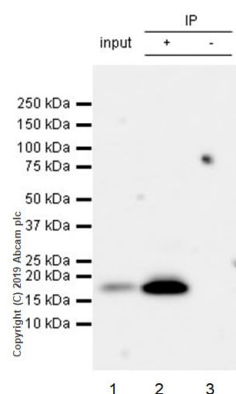
Lane 1: Human testis tissue lysate 10 µg (input)

Lane 2: ab253238 IP in human testis tissue lysate.

Lane 3: Rabbit monoclonal IgG ([ab172730](#)) instead of ab253238 in human testis tissue lysate

Blocking and dilution buffer and concentration: 5% NFDM/TBST.

Exposure time: 30 seconds.



Immunoprecipitation - Anti-CDNF antibody
[EPR22334-99] (ab253238)

CDNF was immunoprecipitated from 0.35 mg human skeletal muscle tissue lysate with ab253238 at 1/30 dilution. Western blot was performed on the immunoprecipitate using ab253238 at 1/500 dilution. VeriBlot for IP Detection Reagent (HRP) ([ab131366](#)), was used at 1/1000 dilution.

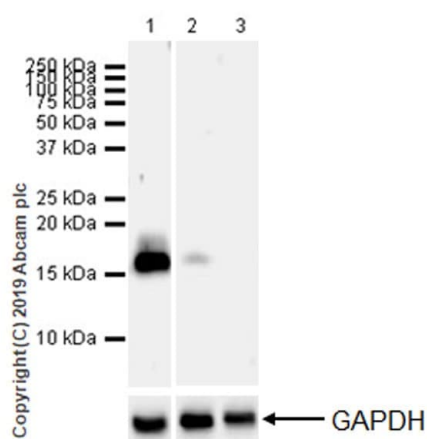
Lane 1: Human skeletal muscle tissue lysate 10 µg (input)

Lane 2: ab253238 IP in human skeletal muscle tissue lysate.

Lane 3: Rabbit monoclonal IgG ([ab172730](#)) instead of ab253238 in human skeletal muscle lysate

Blocking and dilution buffer and concentration: 5% NFDM/TBST.

Exposure time: 30 seconds.



Western blot - Anti-CDNF antibody [EPR22334-99]
(ab253238)

All lanes : Anti-CDNF antibody [EPR22334-99] (ab253238) at 1/1000 dilution

Lane 1 : Human liver tissue lysate

Lane 2 : Human brain tissue lysate

Lane 3 : Human kidney tissue lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : VeriBlot for IP Detection Reagent (HRP) ([ab131366](#)) at 1/1000 dilution

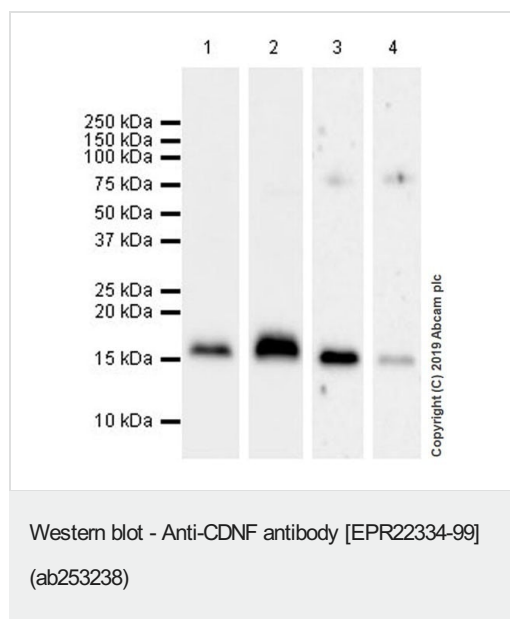
Predicted band size: 21 kDa

Exposure time: 3 minutes

Blocking/diluting buffer and concentration: 5% NFDM/TBST.

Kidney and brain are CDNF low expressing tissues (PMID:17611540).

This blot was developed using a higher sensitivity ECL substrate.



All lanes : Anti-CDNF antibody [EPR22334-99] (ab253238) at 1/1000 dilution

Lane 1 : Mouse skeletal muscle tissue lysate

Lane 2 : Rat skeletal muscle lysate

Lane 3 : Human skeletal muscle lysate

Lane 4 : Human testis lysate

Lysates/proteins at 20 µg per lane.

Secondary

Lanes 1-2 : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

Lanes 3-4 : VeriBlot for IP Detection Reagent (HRP) ([ab131366](#)) at 1/1000 dilution

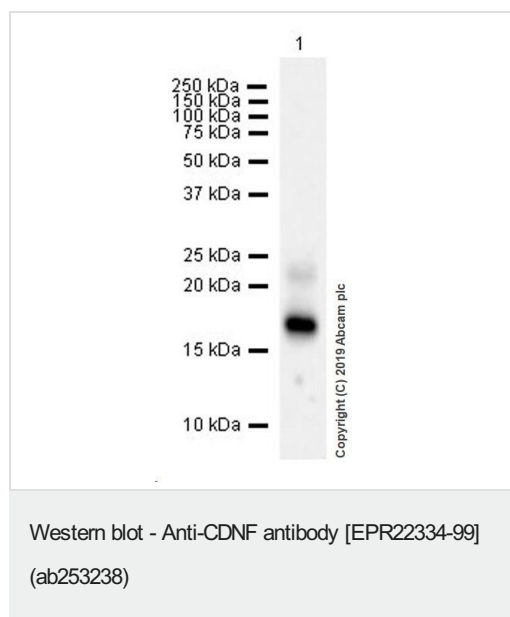
Predicted band size: 21 kDa

Observed band size: 17 kDa

Exposure times: Lanes 1 and 2: 37 seconds; Lanes 3 and 4: 3 minutes.

Blocking/diluting buffer and concentration: 5% NFDm/TBST

The expression profile and molecular weight observed are consistent with literature (PMID: 17611540).



Anti-CDNF antibody [EPR22334-99] (ab253238) at 1/1000 dilution + Recombinant Human CDNF Protein (aa25-187) 10 ng

Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

Predicted band size: 21 kDa

Observed band size: 17 kDa

Exposure time: 3 minutes

Blocking/Diluting buffer and concentration: 5% NFDm/TBST

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-CDNF antibody [EPR22334-99] (ab253238)

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