abcam

Product datasheet

Anti-GDNF antibody ab 28956

1 References 画像数 2

製品の概要

製品名 Anti-GDNF antibody

製品の詳細 Chicken polyclonal to GDNF

由来種 Chicken

特異性 GDNF homodimerizes and has 5 isoforms along with a signal and propeptide, so there is a

potential for multiple bands in western blot.

アプリケーション **適用あり**: WB

種交差性 交差種: Rat, Human

免疫原 This product was produced with the following immunogens:

Synthetic peptide corresponding to Human GDNF aa 1-100.

Synthetic peptide corresponding to Human GDNF aa 100-200.

Run BLAST with

Run BLAST with

Run BLAST withRun BLAST with

ExPASy

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

製品の特性

特記事項

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.

パッファー Preservative: 0.02% Sodium azide

Constituent: PBS

精製度 IgY fraction

特記事項(精製) Crude IgY preparation from egg yolks using a precipitation method (PEG, Polyethylene Glycol).

ポリ/モノ ポリクローナル

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アプリケーション

The Abpromise guarantee <u>Abpromise保証は、</u>次のテスト済みアプリケーションにおけるab28956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		1/500 - 1/2000. Predicted molecular weight: 24 kDa. GDNF homodimerizes and has 5 isoforms along with a signal and propeptide, so there is a potential for multiple bands in western blot.

ターゲット情報

機能 Neurotrophic factor that enhances survival and morphological differentiation of dopaminergic

neurons and increases their high-affinity dopamine uptake.

組織特異性 In the brain, predominantly expressed in the striatum with highest levels in the caudate and lowest

in the putamen.

関連疾患 Defects in GDNF may be a cause of Hirschsprung disease (HSCR) [MIM:142623]. In association

with mutations of RET gene, defects in GDNF may be involved in Hirschsprung disease. This genetic disorder of neural crest development is characterized by the absence of intramural

ganglion cells in the hindgut, often resulting in intestinal obstruction. $\label{eq:continuous}$

Defects in GDNF are a cause of congenital central hypoventilation syndrome (CCHS)

[MIM:209880]; also known as congenital failure of autonomic control or Ondine curse. CCHS is a rare disorder characterized by abnormal control of respiration in the absence of neuromuscular or lung disease, or an identifiable brain stem lesion. A deficiency in autonomic control of respiration

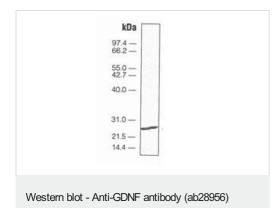
results in inadequate or negligible ventilatory and arousal responses to hypercapnia and

hypoxemia.

配列類似性 Belongs to the TGF-beta family. GDNF subfamily.

細胞内局在 Secreted.

画像

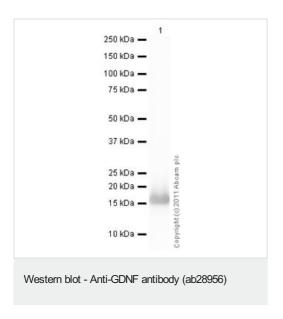


Anti-GDNF antibody (ab28956) + Rat brain total protein extract. at 40 μg

Secondary

Rabbit Anti-Chicken IgY (H&L) at 1/5000 dilution

Predicted band size: 24 kDa **Observed band size:** 25 kDa



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

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