




# Anti-GDNF antibody ab28956

**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	<b>適用あり:</b> WB
種交差性	<b>交差種:</b> Rat, Human
免疫原	<p><b>This product was produced with the following immunogens:</b></p> <p>Synthetic peptide corresponding to Human GDNF aa 1-100.</p> <p>Synthetic peptide corresponding to Human GDNF aa 100-200.</p> <div>  <a href="#">Run BLAST with</a> ExPASy         </div> <div>  <a href="#">Run BLAST with</a> NCBI         </div> <div>  <a href="#">Run BLAST with</a> EMBL         </div>

### 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.
バッファー	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

## 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. 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



Western blot - Anti-GDNF antibody (ab28956)

**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