

# Anti-GDNF antibody ab28956

[1 References](#) [2 图像](#)

### 概述

产品名称	Anti-GDNF抗体
描述	鸡多克隆抗体to GDNF
宿主	Chicken
特异性	GDNF homodimerizes and has 5 isoforms along with a signal and propeptide, so there is a potential for multiple bands in western blot.
经测试应用	<b>适用于:</b> WB
种属反应性	<b>与反应:</b> Rat, Human
免疫原	<b>This product was produced with the following immunogens:</b> Synthetic peptide corresponding to Human GDNF aa 1-100.  Synthetic peptide corresponding to Human GDNF aa 100-200. <div style="display: flex; justify-content: space-around; align-items: center;"><div style="text-align: center;"> <a href="#">Run BLAST with ExPASy</a></div><div style="text-align: center;"> <a href="#">Run BLAST with NCBI</a></div><div style="text-align: center;"> <a href="#">Run BLAST with NCBI</a></div></div>
常规说明	<p>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.</p> <p>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&amp;As</p>
性能	
形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
存储溶液	Preservative: 0.02% Sodium azide Constituent: PBS
纯度	IgY fraction
纯化说明	Crude IgY preparation from egg yolks using a precipitation method (PEG, Polyethylene Glycol).
克隆	多克隆

## 应用

**The Abpromise guarantee** **Abpromise™**承诺保证使用ab28956于以下的经测试应用

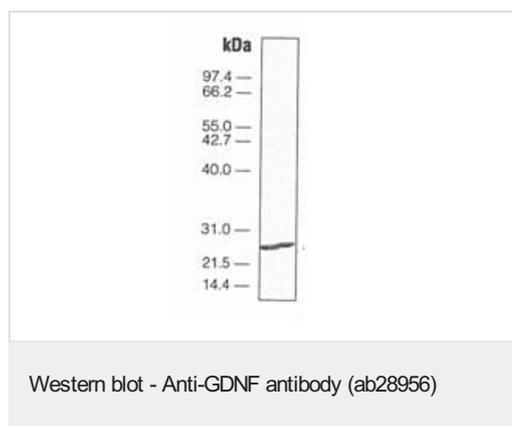
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
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.

## 靶标

功能	Neurotrophic factor that enhances survival and morphological differentiation of dopaminergic neurons and increases their high-affinity dopamine uptake.
组织特异性	In the brain, predominantly expressed in the striatum with highest levels in the caudate and lowest in the putamen.
疾病相关	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.
序列相似性	Belongs to the TGF-beta family. GDNF subfamily.
细胞定位	Secreted.

## 图片



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"

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