

# Anti-GDNF Receptor alpha 2/GFRA2 antibody ab8027

[5 References](#) [画像数 2](#)

### 製品の概要

---

製品名	Anti-GDNF Receptor alpha 2/GFRA2 antibody
製品の詳細	Rabbit polyclonal to GDNF Receptor alpha 2/GFRA2
由来種	Rabbit
アプリケーション	<b>適用あり:</b> ICC/IF, WB
種交差性	<b>交差種:</b> Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
特記事項	<p>Members of the glial cell line-derived neurotrophic factor(GDNF) family, including GDNF and neurturin (NTN),play key roles in the control of vertebrate neuron survivaland differentiation. Physiological responses to NTN requirethe presence of a novel glycosylphosphadidylinositollinked protein NTN Ra, which is a cell surface receptor forNTN. The cDNAs encoding NTN Ra from human, rat,chicken, and mouse have been cloned recently. NTN Ra was also termed GDNFRb, Ret ligand 2 (RETL2)or TGF-b-related neurotrophic factor receptor 2 (TmR2) and nominated as GFRA-2 recently. GFRA-2 binds NTN and mediates activation of RET receptor tyrosine kinase by both NTN and GDNF. Thus, NTN, GFRA-2, and the Ret PTK form a complex to transduce NTN signal andto mediate NTN function.</p> <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>

### 製品の特性

---

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C.
バッファー	pH: 7.2 Preservative: 0.02% Sodium azide
精製度	Ion Exchange Chromatography
一次抗体 備考	Members of the glial cell line-derived neurotrophic factor(GDNF) family, including GDNF and

neurturin (NTN), play key roles in the control of vertebrate neuron survival and differentiation. Physiological responses to NTN require the presence of a novel glycosylphosphatidylinositol-linked protein NTN $\alpha$ , which is a cell surface receptor for NTN. The cDNAs encoding NTN $\alpha$  from human, rat, chicken, and mouse have been cloned recently. NTN $\alpha$  was also termed GDNFRb, Ret ligand 2 (RET $\alpha$ 2) or TGF- $\beta$ -related neurotrophic factor receptor 2 (TrkR2) and nominated as GFR $\alpha$ -2 recently. GFR $\alpha$ -2 binds NTN and mediates activation of RET receptor tyrosine kinase by both NTN and GDNF. Thus, NTN, GFR $\alpha$ -2, and the Ret PTK form a complex to transduce NTN signal and to mediate NTN function.

ポリモノ  
アイソタイプ

ポリクローナル  
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ab8027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
ICC/IF		Use a concentration of 5 $\mu$ g/ml.
WB		Use at an assay dependent concentration.

## ターゲット情報

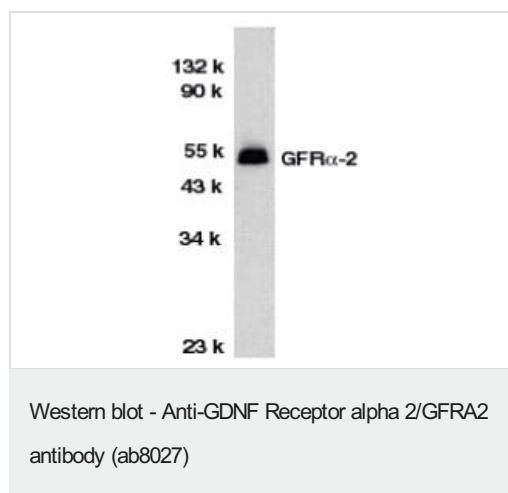
**機能**      Receptor for neurturin. Mediates the NRTN-induced autophosphorylation and activation of the RET receptor. Also able to mediate GDNF signaling through the RET tyrosine kinase receptor. Isoform 2: Participates to NRTN-induced 'Ser-727' phosphorylation of STAT3.

**組織特異性**      Isoform 1 is found in both brain and placenta.

**配列類似性**      Belongs to the GDNFR family.

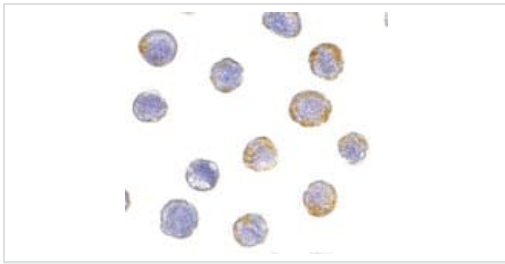
**細胞内局在**      Cell membrane.

## 画像



Anti-GDNF Receptor alpha 2/GFRA2 antibody (ab8027) at 1/1000 dilution + HeLa total cell lysate

**Observed band size: 52 kDa**



ab8027 at 5µg/ml staining GDNF Receptor alpha2/GFRA2 in HeLa cells by ICC/IF.

Immunocytochemistry/ Immunofluorescence - Anti-GDNF Receptor alpha 2/GFRA2 antibody (ab8027)

**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