

Anti-GDNF Receptor alpha 2/GFRA2 antibody ab8027

[5 References](#) [2 图像](#)

概述

产品名称	Anti-GDNF Receptor alpha 2/GFRA2抗体
描述	兔多克隆抗体to GDNF Receptor alpha 2/GFRA2
宿主	Rabbit
经测试应用	适用于: ICC/IF, WB
种属反应性	与反应: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
常规说明	<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 glycosylphosphatidylinositollinked protein NTNα, which is a cell surface receptor forNTN. The cDNAs encoding NTNα from human, rat,chicken, and mouse have been cloned recently. NTNα was also termed GDNFRβ, Ret ligand 2 (RETL2)or TGF-β-related neurotrophic factor receptor 2 (TrnR2) 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&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	pH: 7.2 Preservative: 0.02% Sodium azide
纯度	Ion Exchange Chromatography
Primary antibody说明	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 α , which is a cell surface receptor for NTN. The cDNAs encoding NTN α from human, rat, chicken, and mouse have been cloned recently. NTN α was also termed GDNFR β , Ret ligand 2 (RETL2) or TGF- β -related neurotrophic factor receptor 2 (TrnR2) 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 and to mediate NTN function.

克隆 多克隆
同种型 IgG

应用

The Abpromise guarantee Abpromise™ 承诺保证使用 ab8027 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
ICC/IF		Use a concentration of 5 μ g/ml.
WB		Use at an assay dependent concentration.

靶标

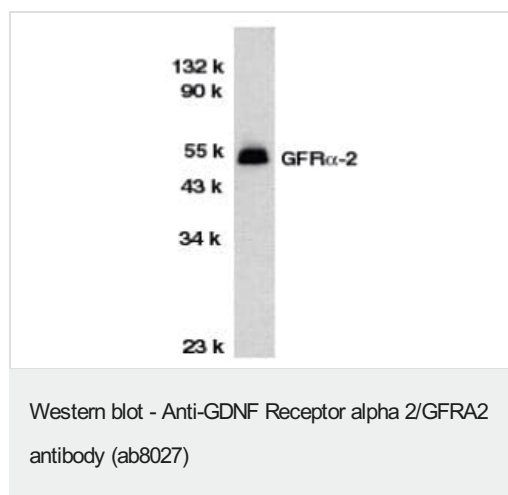
功能 Receptor for neurturin. Mediates the NRTN-induced autophosphorylation and activation of the RET receptor. Also able to mediate GDNF signaling through the RET tyrosine kinase receptor. Isoform 2: Participates to NRTN-induced 'Ser-727' phosphorylation of STAT3.

组织特异性 Isoform 1 is found in both brain and placenta.

序列相似性 Belongs to the GDNFR family.

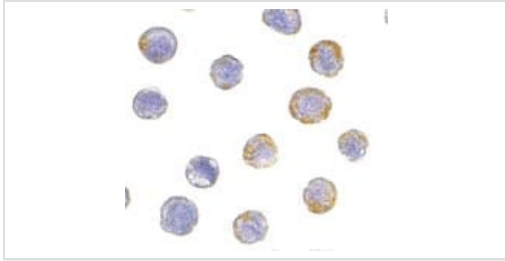
细胞定位 Cell membrane.

图片



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)

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