

Anti-GFR alpha 3/GFRA3 antibody ab8028

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概述

产品名称	Anti-GFR alpha 3/GFRA3抗体
描述	兔多克隆抗体to GFR alpha 3/GFRA3
宿主	Rabbit
经测试应用	适用于: IHC-P, WB
种属反应性	与反应: Mouse
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers. (Peptide available as ab6100)
常规说明	<p>Members of the glial cell line-derived neurotrophic factor(GDNF) family including GDNF and neurturin (NTN) play essential roles in the control of vertebrate neuron survival and differentiation. A new member of the GDNF family was recently identified and designated persephin. Physiological responses to these neurotrophic factors require two receptor subunits, the novel glycosylphosphatidylinositol linked protein GFRa and Ret receptor tyrosine kinase GFRb. Following the findings of GFRa-1 and -2, a novel receptor in GFRa family was identified very recently from human and mouse and designated GFRa-3. GFRa-3 binds persephin, thus, persephin, GFRa-3, and Ret PTK form a complex to transduce persephin signal and to mediate persephin 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	DEAE-Chromatography

Primary antibody说明	Members of the glial cell line-derived neurotrophic factor(GDNF) family including GDNF and neurturin (NTN) play essential roles in the control of vertebrate neuron survival and differentiation. A new member of the GDNF family was recently identified and designated persephin. Physiological responses to these neurotrophic factors require two receptor subunits, the novel glycosylphosphatidylinositol linked protein GFRa and Ret receptor tyrosine kinase GFRb. Following the findings of GFRa-1 and -2, a novel receptor in GFRa family was identified very recently from human and mouse and designated GFRa-3. GFRa-3 binds persephin, thus, persephin, GFRa-3, and Ret PTK form a complex to transduce persephin signal and to mediate persephin function.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab8028于以下的经测试应用

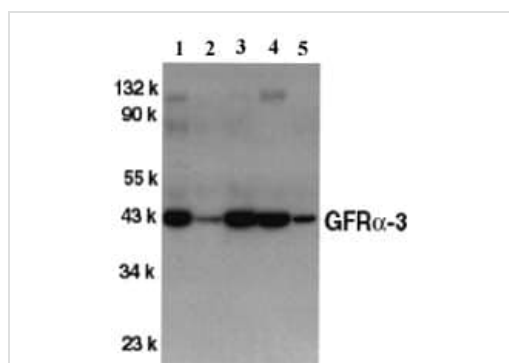
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		Use a concentration of 10 µg/ml.
WB		1/500 - 1/1000. Predicted molecular weight: 43 kDa.Can be blocked with GFR alpha 3/GFRA3 peptide (ab6100) .

靶标

功能	Receptor for the glial cell line-derived neurotrophic factor, ARTN (artemin). Mediates the artemin-induced autophosphorylation and activation of the RET receptor tyrosine kinase.
组织特异性	Widely expressed in adult and fetus which exhibit a similar pattern. Essentially not expressed in the central nervous system, but highly expressed in several sensory and sympathetic ganglia of the peripheral nervous system. Moderate expression in many non-neuronal tissues, particularly those of the digestive and urogenital systems, but high expression in stomach and appendix. Several types of glandular tissues show low expression. Very low or no expression detected in the hematopoietic system.
序列相似性	Belongs to the GDNFR family.
翻译后修饰	N-glycosylated.
细胞定位	Cell membrane.

图片



Western blot - Anti-GFR alpha 3/GFRA3 antibody (ab8028)

All lanes : Anti-GFR alpha 3/GFRA3 antibody (ab8028) at 1/500 dilution

Lane 1 : Crude cell membrane fractions of murine heart

Lane 2 : Crude cell membrane fractions of murine spleen

Lane 3 : Crude cell membrane fractions of murine kidney

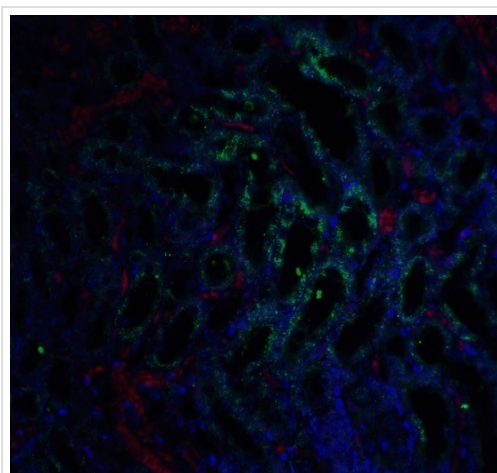
Lane 4 : Crude cell membrane fractions of murine liver

Lane 5 : Crude cell membrane fractions of murine brain

Predicted band size: 43 kDa

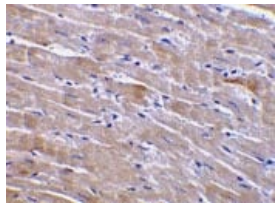
Observed band size: 43 kDa

Western blot analysis of GFR alpha 3/GFRA3 in crude cell membrane fractions of murine heart (H), spleen (S), kidney (K), liver (L), and brain (B), respectively, with ab8028 at 1/500 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GFR alpha 3/GFRA3 antibody (ab8028)

Immunohistochemistry (Formalin-fixed paraffin embedded sections) of mouse kidney tissue labeling GFR alpha 3/GFRA3 with Anti-GFR alpha 3/GFRA3 antibody (ab8028) at 5µg/ml.



ab8028 at 10µg/ml staining GFR alpha 3/GFRA3 in mouse heart tissue by IHC-P.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GFR alpha 3/GFRA3 antibody (ab8028)

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