



Anti-GNAS antibody ab235959

4 图像

概述

产品名称	Anti-GNAS抗体
描述	兔多克隆抗体to GNAS
宿主	Rabbit
经测试应用	适用于: IHC-P, WB, ICC/IF
种属反应性	与反应: Human
免疫原	Recombinant fragment corresponding to Human GNAS aa 300-450. Database link: P84996  Run BLAST with  Run BLAST with
阳性对照	WB: MCF7 and HepG2 whole cell lysate. IHC-P: Human brain and small intestine tissue. ICC/IF: MCF7 cells.
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&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. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.03% Proclin 300 Constituents: PBS, 50% Glycerol (glycerin, glycerine)
纯度	Protein G purified
纯化说明	Purity >95%
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab235959于以下的经测试应用

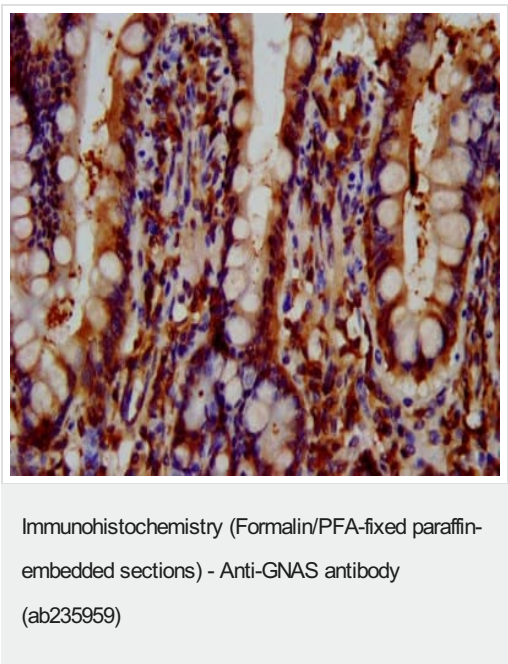
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		1/500 - 1/1000.
WB		1/500 - 1/5000.
ICC/IF		1/50 - 1/200.

靶标

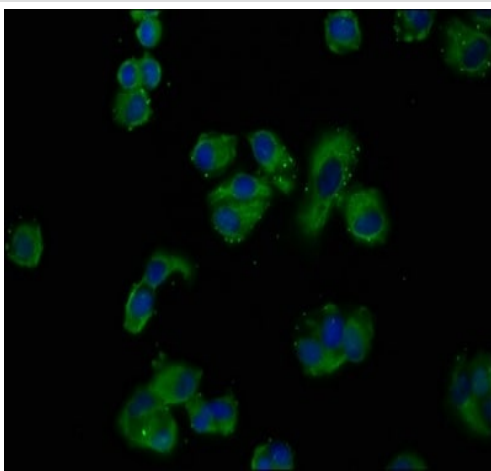
功能	May inhibit the adenylyl cyclase-stimulating activity of guanine nucleotide-binding protein G(s) subunit alpha which is produced from the same locus in a different open reading frame.
疾病相关	GNAS hyperfunction ACTH-independent macronodular adrenal hyperplasia 1 Pseudohypoparathyroidism 1B Colorectal cancer
序列相似性	Belongs to the ALEX family.
细胞定位	Cell membrane. Cell projection, ruffle. Predominantly associated with cell membrane ruffles.

图片



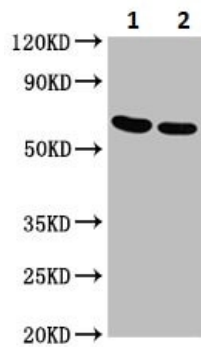
Paraffin-embedded human small intestine tissue stained for G protein alpha S using ab235959 at 1/600 dilution in immunohistochemical analysis.

After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30 minutes at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized tissue using an HRP conjugated SP system.



Immunocytochemistry/ Immunofluorescence - Anti-GNAS antibody (ab235959)

4% paraformaldehyde-fixed, 0.2% Triton X-100-permeabilized MCF7 (Human breast adenocarcinoma cell line) cells stained for G protein alpha S (Green) using ab235959 at 1/200 dilution in ICC/IF. Counterstained with DAPI (blue). The secondary antibody was Alexa Fluor® 488-conjugated Goat Anti-Rabbit IgG (H+L).



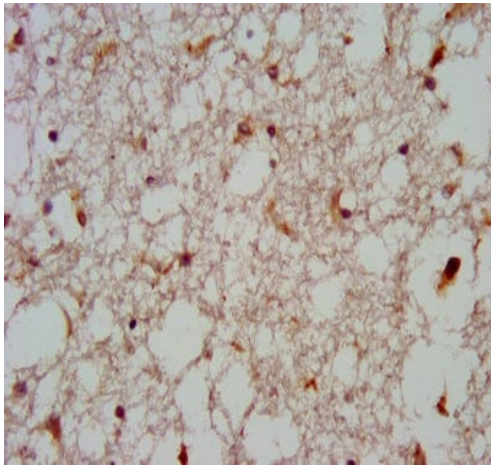
Western blot - Anti-GNAS antibody (ab235959)

All lanes : Anti-GNAS antibody (ab235959) at 1/500 dilution

All lanes : MCF7 (Human breast adenocarcinoma cell line) whole cell lysate

Secondary

All lanes : Goat polyclonal to rabbit IgG at 1/50000 dilution



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GNAS antibody (ab235959)

Paraffin-embedded human brain tissue stained for G protein alpha S using ab235959 at 1/600 dilution in immunohistochemical analysis.

After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30 minutes at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized tissue using an HRP conjugated SP system.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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