



Anti-GNAS antibody [2A2B7] ab204996

5 图像

概述

产品名称	Anti-GNAS抗体[2A2B7]
描述	小鼠单克隆抗体[2A2B7] to GNAS
宿主	Mouse
经测试应用	适用于: WB, Flow Cyt, IHC-P
种属反应性	与反应: Human
免疫原	Recombinant fragment corresponding to Human GNAS aa 1-200. Expressed in E.coli. Database link: P63092
阳性对照	<div>  Run BLAST with  Run BLAST with </div> <p>Human G protein alpha (aa42-188) recombinant protein, G protein alpha (aa42-188)-hlgGfc transfected HEK293 whole cell lysate, A549 cells, Human lung cancer or Human breast cancer tissue.</p>
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	Preservative: 0.05% Sodium azide Constituent: 99% PBS
纯度	Protein G purified
纯化说明	Purified from tissue culture supernatant.
克隆	单克隆
克隆编号	2A2B7
同种型	IgG2a

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab204996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: 46 kDa.
Flow Cyt		1/200 - 1/400.
IHC-P		1/200 - 1/1000.

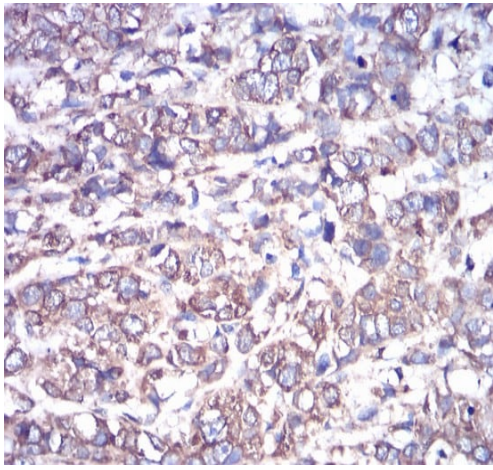
靶标

相关性

Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. The G_s protein is involved in hormonal regulation of adenylate cyclase: it activates the cyclase in response to beta-adrenergic stimuli. Alternative splicing of downstream exons of the GNAS gene is observed, which results in different forms of the stimulatory G protein alpha subunit, a key element of the classical signal transduction pathway linking receptor-ligand interactions with the activation of adenylyl cyclase and a variety of cellular responses. Multiple transcript variants have been found for this gene, but the full-length nature and/or biological validity of some variants have not been determined. Mutations in this gene result in pseudohypoparathyroidism type 1a, pseudohypoparathyroidism type 1b, Albright hereditary osteodystrophy, pseudopseudohypoparathyroidism, McCune-Albright syndrome, progressive osseus heteroplasia, polyostotic fibrous dysplasia of bone, and some pituitary tumors.

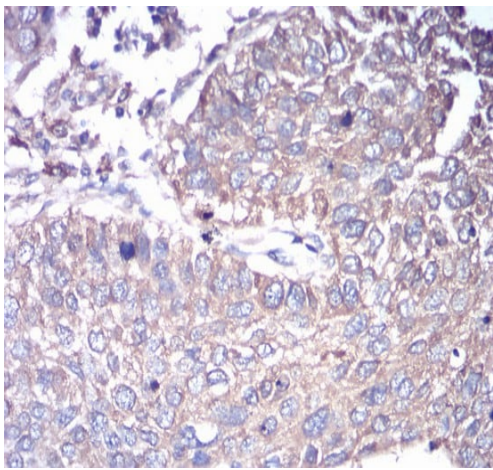
细胞定位 Cell Membrane

图片



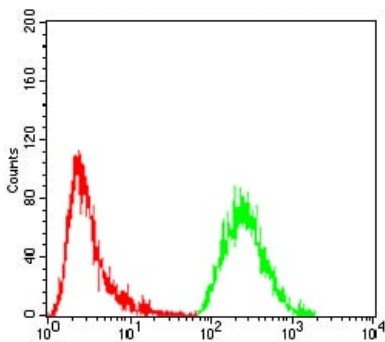
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GNAS antibody [2A2B7] (ab204996)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded section) analysis of Human breast cancer tissue labeling G protein alpha with ab204996 at a 1/200 dilution. DAB staining used.



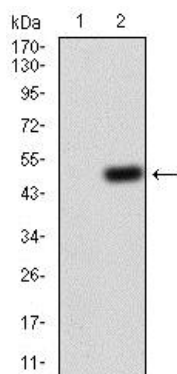
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GNAS antibody [2A2B7] (ab204996)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded section) analysis of Human lung cancer tissue labeling G protein alpha with ab204996 at a 1/200 dilution. DAB staining used.



Flow Cytometry - Anti-GNAS antibody [2A2B7] (ab204996)

Flow cytometric analysis of A549 cells labelling Human G protein alpha with ab204996 (green) at a 1/200 dilution and negative control (red).



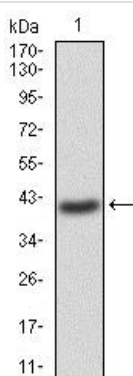
Western blot - Anti-GNAS antibody [2A2B7]
(ab204996)

All lanes : Anti-GNAS antibody [2A2B7] (ab204996) at 1/500 dilution

Lane 1 : HEK293 whole cell lysate

Lane 2 : G protein alpha (aa42-188)-hlgGFc transfected HEK293 whole cell lysate

Predicted band size: 46 kDa



Western blot - Anti-GNAS antibody [2A2B7]
(ab204996)

Anti-GNAS antibody [2A2B7] (ab204996) at 1/500 dilution +
Human G protein alpha (aa42-188) recombinant protein

Predicted band size: 46 kDa

Additional bands at: 42.8 kDa. We are unsure as to the identity of these extra bands.

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