


Product datasheet

Anti-G protein alpha S antibody ab101736

2 图像

概述

产品名称	Anti-G protein alpha S抗体
描述	山羊多克隆抗体到 G protein alpha S
特异性	ab101736 is expected to recognize all three reported isoforms NP_000507.1, NP_001070956.1 and NP_536350.2.
经测试应用	适用于: WB
种属反应性	与反应: Mouse, Rat, Human 预测可用于: Cow, Dog, Pig 
免疫原	Synthetic peptide: C-QAARSNSDGEKATK , corresponding to internal sequence amino acids 78-91 of Human G protein alpha S (NP_000507.1). Run BLAST with Run BLAST with
阳性对照	Jurkat cell line lysate

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: 0.02% Sodium Azide Constituents: 0.5% BSA, Tris buffered saline, pH 7.3
纯度	Immunogen affinity purified
纯化说明	ab101736 was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab101736** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		Use a concentration of 0.1 - 0.3 µg/ml. Detects a band of approximately 45 kDa (predicted molecular weight: 46 kDa).

靶标

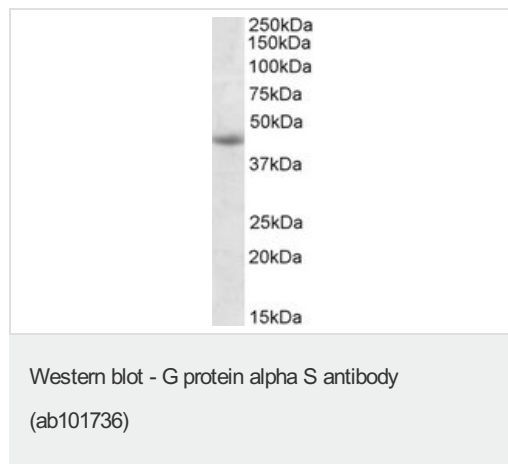
相关性

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 adenylyl 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 osseous heteroplasia, polyostotic fibrous dysplasia of bone, and some pituitary tumors.

细胞定位

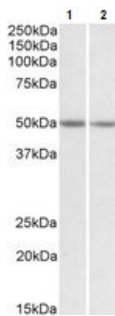
Cell Membrane

图片



Anti-G protein alpha S antibody (ab101736) at
1 µg/ml + Jurkat cell lysate in RIPA buffer at 35
µg
Developed using the ECL technique

Predicted band size : 46 kDa



Western blot - Anti-G protein alpha S antibody
(ab101736)

All lanes : Anti-G protein alpha S antibody
(ab101736) at 0.1 µg/ml

Lane 1 : Mouse Brain lysate in RIPA buffer

Lane 2 : Rat Brain lysate in RIPA buffer

Lysates/proteins at 35 µg per lane.

Predicted band size : 46 kDa

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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