

Product datasheet

Anti-G protein alpha S antibody ab101736

2 图像

概述

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

性能

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

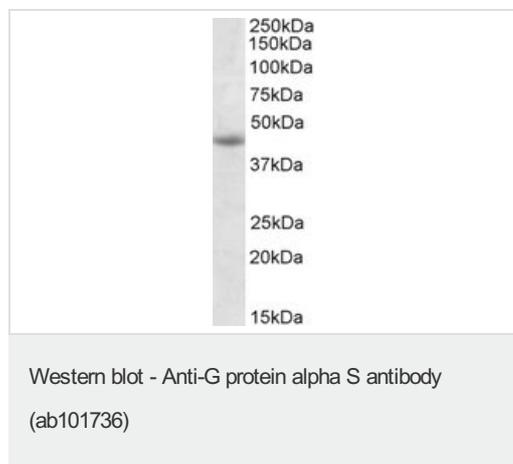
### 相关性

Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. The G<sub>s</sub> 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 osseous heteroplasia, polyostotic fibrous dysplasia of bone, and some pituitary tumors.

### 细胞定位

Cell Membrane

## 图片

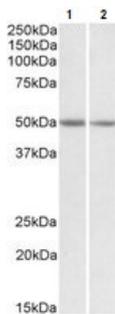


Anti-G protein alpha S antibody (ab101736) at 1 µg/ml + Jurkat cell lysate in RIPA buffer at 35 µg

Developed using the ECL technique.

**Predicted band size:** 46 kDa

Primary incubation was 1 hour.



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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