




Anti-GNAS antibody ab101736

1 [References](#) **画像数** [2](#)

製品の概要

製品名	Anti-GNAS antibody
製品の詳細	Goat polyclonal to GNAS
由来種	Goat
特異性	ab101736 is expected to recognize all three reported isoforms NP_000507.1, NP_001070956.1 and NP_536350.2.
アプリケーション	適用あり: WB
種交差性	交差種: Mouse, Rat, Human 交差が予測される動物種: Cow, Dog, Pig 
免疫原	Synthetic peptide corresponding to Human G protein alpha S aa 78-91 (internal sequence). Sequence: C-QAARSNSDGEKATK Database link: NP_000507.1  Run BLAST with  Run BLAST with
ポジティブ・コントロール	WB: KNRK cell lysate; human cerebellum and mouse and rat brain tissue lysate.
特記事項	<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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
バッファー	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, Tris buffered saline
精製度	Immunogen affinity purified

特記事項 (精製)	ab101736 was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

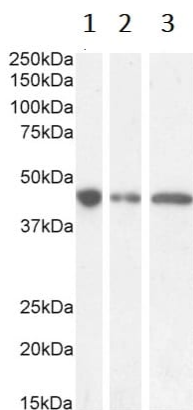
The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab101736の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 0.1 - 0.5 µg/ml. Detects a band of approximately 45 kDa (predicted molecular weight: 46 kDa). 1 hour primary incubation is recommended for this product.

ターゲット情報

関連性	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 osseous heteroplasia, polyostotic fibrous dysplasia of bone, and some pituitary tumors.
細胞内局在	Cell Membrane

画像



Western blot - Anti-GNAS antibody (ab101736)

Lane 1 : Anti-GNAS antibody (ab101736) at 0.5 µg/ml

Lanes 2-3 : Anti-GNAS antibody (ab101736) at 0.1 µg/ml

Lane 1 : Human cerebellum tissue lysate

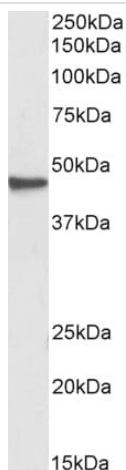
Lane 2 : Mouse brain tissue lysate

Lane 3 : Rat brain tissue lysate

Lysates/proteins at 35 µg per lane.

Predicted band size: 46 kDa

Lysates in RIPA buffer. Detected by chemiluminescence.



Western blot - Anti-GNAS antibody (ab101736)

Anti-GNAS antibody (ab101736) at 0.3 µg/ml + KNRK cell lysate at 35 µg

Predicted band size: 46 kDa

Lysates in RIPA buffer. Detected by chemiluminescence.

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

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