abcam

Product datasheet

Anti-RGS17 / RGSZ2 antibody ab96675

2 References   画像数 1

医薬用外劇物

製品の概要

製品名	Anti-RGS17 / RGSZ2 antibody
製品の詳細	Rabbit polyclonal to RGS17 / RGSZ2
由来種	Rabbit
アプリケーション	**適用あり:** WB
種交差性	**交差種:** Human
免疫原	Synthetic peptide: EVSLDSRVRE VINRNLLDPN PHMYEDAQLQ IYTLMHRDSF PRFLNSQIYK SFVESTAGSS SES, corresponding to amino acids 148-210 of Human RGS17/ RGSZ2 (NP_036551).
	📄 **Run BLAST with** ExPASy 📄 **Run BLAST with** NCBI
ポジティブ・コントロール	293T, A431, H1299, HeLa, HepG2, MOLT4 and Raji cell lysates
特記事項	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.
	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

製品の特性

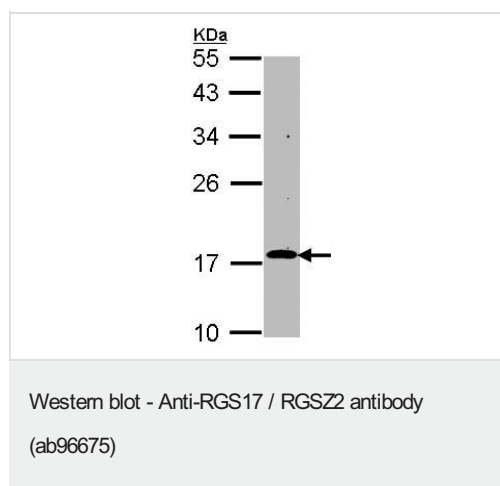|	
製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 78.99% PBS, 1% BSA, 20% Glycerol (glycerin, glycerine)
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee　　<u>Abpromise保証は、</u>次のテスト済みアプリケーションにおけるab96675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		1/1000. Predicted molecular weight: 24 kDa.

ターゲット情報

機能	Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. Binds selectively to G(z)-alpha and G(alpha)-i2 subunits, accelerates their GTPase activity and regulates their signaling activities. The G(z)-alpha activity is inhibited by the phosphorylation and palmitoylation of the G-protein. Negatively regulates mu-opioid receptor-mediated activation of the G-proteins.
組織特異性	Predominantly expressed in the cerebellum. Also expressed in the cortex and medulla. Weakly expressed in a number of peripheral tissues notably spleen, lung and leukocytes.
配列類似性	Contains 1 RGS domain.
翻訳後修飾	Fatty acylated. Heavily palmitoylated in the cysteine string motif. N- and O-glycosylated in synapsomal membranes. Serine phosphorylated in synapsomal membranes. Sumoylated by SUMO1 and SUM02 in synaptosomes. The sumoylated forms act as a scaffold for sequestering mu-opioid receptor-activated G(alpha) subunits.
細胞内局在	Membrane. Nucleus. Cytoplasm. Shuttles between the cytoplasm/cell membrane and the nucleus. Anchored to the membrane through palmitoylation.

画像

Anti-RGS17 / RGSZ2 antibody (ab96675) at 1/1000 dilution +
HepG2 whole cell lysate at 30 µg

Predicted band size: 24 kDa

12% SDS PAGE

Western blot - Anti-RGS17 / RGSZ2 antibody (ab96675)

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