

GNAI1 + GNAI2 peptide ab5006

描述

产品名称	GNAI1 + GNAI2多肽
纯度	> 70 % HPLC. Peptides are analyzed by Reverse-Phase HPLC (RP-HPLC) in order to determine purity. Identities are confirmed by MALDI-MS.
无动物成分	No
性质	Synthetic

技术指标

Our **Abpromise guarantee** covers the use of **ab5006** in the following tested applications.

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

应用	Blocking
形式	Lyophilized
补充说明	<p>This peptide may be used for neutralization and control experiments with the polyclonal antibody that reacts with this product and human G protein alpha inhibitor 1/2, catalog ab3522. Using a solution of peptide of equal volume and concentration to the corresponding antibody will yield a large molar excess of peptide (~ 70-fold) for competitive inhibition of antibody-protein binding reactions.</p> <p>This product was previously labelled as G protein alpha inhibitor 1, G Protein alpha Inhibitor 1+2</p>

制备和贮存

稳定性和存储	Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
复溶	>95% pure, lyophilized synthetic peptide. Reconstitute with 0.1 ml of distilled water.

常规信息

功能	Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. The G(i) proteins are involved in hormonal regulation of adenylate cyclase: they inhibit the cyclase in response to beta-adrenergic stimuli. The inactive
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GDP-bound form prevents the association of RGS14 with centrosomes and is required for the translocation of RGS14 from the cytoplasm to the plasma membrane. May play a role in cell division.

序列相似性

Belongs to the G-alpha family. G(i/o/t/z) subfamily.

细胞定位

Nucleus. Cytoplasm. Cell membrane. Cytoplasm > cytoskeleton > centrosome. Localized at the plasma membrane throughout mitosis. Colocalizes with RIC8A and RGS14 at the plasma membrane (By similarity). Localizes in the centrosomes of interphase and mitotic cells, but not in centrosomes during cytokinesis. Detected at the cleavage furrow or the midbody.

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

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours

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