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商品详情:

英文名称: GNAQ

中文名称: **G蛋白 α 亚单位蛋白Q抗体**

别名: G ALPHA q; G protein alpha Q; GAQ; Guanine nucleotide binding protein alpha q; Guanine nucleotide binding protein G q subunit alpha; GNAQ_HUMAN.

研究领域: 肿瘤 心血管 细胞生物 神经生物学 信号转导 G蛋白偶联受体

抗体来源: Rabbit

克隆类型: Polyclonal

交叉反应: Human, Mouse, Rat, (predicted: Chicken, Dog, Pig, Cow, Horse, Rabbit,)

产品应用: WB=1:500-2000 ELISA=1:5000-10000

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

理论分子量: 42kDa

细胞定位: 细胞核 细胞膜

性状: Liquid

浓度: 1mg/ml

免疫原: KLH conjugated synthetic peptide derived from human GNAQ: 51-150/359

亚型: IgG

纯化方法: affinity purified by Protein A

缓冲液: 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件: Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

注意事项: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

G蛋白 α 亚单位蛋白Q抗体产品介绍: GNAQ belong to the family of heterotrimeric Guanine nucleotide-binding proteins proteins that couple cell surface, 7-transmembrane domain receptors to intracellular signaling pathways. Receptor activation catalyzes the exchange of GTP for GDP bound to the inactive G protein alpha subunit resulting in a conformational change and dissociation of the complex. GNAQ is the alpha subunit of one of the heterotrimeric GTP-binding proteins that mediates stimulation of phospholipase C-beta. in recent studies over expression of GNAQ is associated with cardiomyocyte apoptosis.

Function:

Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. Regulates B-cell selection and survival and is required to prevent B-cell-dependent autoimmunity. Regulates

chemotaxis of BM-derived neutrophils and dendritic cells (in vitro) (By similarity).

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