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商品详情:

英文名称: GNB3

中文名称: **G蛋白β3抗体/鸟嘌呤核苷酸结合蛋白β亚基3抗体**

别名: G protein beta 3; Gnb3; Guanine nucleotide binding protein (G protein), beta polypeptide 3; Guanine nucleotide binding protein G; Hypertension associated protein; IG; SG; Transducin beta chain 3; Tsubunit beta 3; GBB3_HUMAN.

研究领域:肿瘤 心血管 细胞生物 免疫学 转录调节因子 结合蛋白 G蛋白偶联受体 G蛋白信号

抗体来源:Rabbit

克隆类型:Polyclonal

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

产品应用:ELISA=1:5000-10000 IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 (石蜡切片需做抗原修复)

not yet tested in other applications.

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

理论分子量:37kDa

细胞定位:细胞浆 细胞膜

性状:Liquid

浓度:1mg/ml

免疫原:KLH conjugated synthetic peptide derived from human G protein beta 3: 81-180/340

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β3抗体/鸟嘌呤核苷酸结合蛋白β亚基3抗体产品介绍:G proteins are composed of 3 units, alpha, beta and gamma and are involved in the modulation and transduction of various transmembrane signalling systems. There are families of related genes for each subunit. GNB3 encodes a beta subunit. Beta subunits are required for GTPase activity, for replacement of GDP by GTP, regulate alpha subunits and for G protein-effector interactions. A single-nucleotide polymorphism (C825T) in this gene is associated with essential hypertension and obesity and is also associated with the occurrence of the splice variant GNB3-s, which appears to have increased activity.

Function:

Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane

signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction.

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