G 蛋白信号转导调节因子 16 抗体

产品货号： mlR19855

英文名称： RGS16

中文名称： G 蛋白信号转导调节因子 16 抗体

别　　名： A28 RGS14; A28 RGS14P; A28-RGS14P; HGNC:9997; hRGS-r; OTTHUMP00000033147; Regulator of G protein signaling 16; Regulator of G protein signalling 16; Regulator of G-protein signaling 16; Retinal-specific RGS; Retinally abundant regulator of G protein signaling; Retinally abundant regulator of G-protein signaling; RGS 16; RGS R; RGS-R; Rgs14; RGS16; RGS16_HUMAN; RGSR.

研究领域： 细胞生物　信号转导　G 蛋白信号

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=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.

分 子 量： 23kDa

细胞定位： 细胞浆

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human RGS16:51-150/202

亚　　型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed： PubMed

产品介绍： The protein encoded by this gene belongs to the 'regulator of G protein signaling' family. It inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits. It also may play a role in regulating the kinetics of signaling in the phototransduction cascade. [provided by RefSeq, Jul 2008]

Function:

Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. Binds to G(i)-alpha and G(o)-alpha, but not to G(s)-alpha. May play a role in regulating the kinetics of signaling in the phototransduction cascade.

Tissue Specificity:

Abundantly expressed in retina with lower levels of expression in most other tissues.

Post-translational modifications:

Palmitoylated on Cys-2 and/or Cys-12.

Phosphorylation on Tyr-168 upon EGFR stimulation. Enhanced GTPase accelerating (GAP) activity on G(i)-alpha.

Similarity:

Contains 1 RGS domain.

SWISS:

O15492

Gene ID:

6004

Important Note:

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