

蛋白磷酸酶 1 调节亚基 3C 抗体

产品货号： mIR19399

英文名称： PPR3C

中文名称： 蛋白磷酸酶 1 调节亚基 3C 抗体

别 名： Protein phosphatase 1 inhibitor 3C; OTTHUMP00000020089; Phosphatase 1, regulatory inhibitor subunit 5; PP1 subunit R5; ppp1r3c; PPP1R5; PPR3C_HUMAN; Protein phosphatase 1 regulatory subunit 3C; Protein phosphatase 1 regulatory subunit 5; protein phosphatase 1, regulatory (inhibitor) subunit 3C; Protein targeting to glycogen; PTG; R5.

研究领域： 肿瘤 细胞生物 信号转导 激酶和磷酸酶

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Cow, Horse, Rabbit,

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： 36kDa

细胞定位： 细胞核 细胞浆

性 状： Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human PPR3C:201-300/317

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 : This gene encodes a regulatory subunit of protein phosphatase-1 (PP1). PP1 catalyzes reversible protein phosphorylation, which is important in a wide range of cellular activities: neuronal, muscular, RNA splicing, protein synthesis, cell death, and glycogen metabolism, to name just a few. By interacting with different regulatory subunits, PP1 is directed to different parts of the cell, to different substrates, or to respond to extracellular signals. [provided by RefSeq, Oct 2011]

Function:

Acts as a glycogen-targeting subunit for PP1 and regulates its activity. Activates glycogen synthase, reduces glycogen phosphorylase activity and limits glycogen breakdown. Dramatically increases basal and insulin-stimulated glycogen synthesis upon overexpression in a variety of cell types.

Post-translational modifications:

Ubiquitinated by NHLRC1/malin in a EPM2A/laforin-dependent manner.

Similarity:

Contains 1 CBM21 (carbohydrate binding type-21) domain.

SWISS:

Q9UQK1

Gene ID:

5507

Important Note:

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