

## 蛋白磷酸酶 1 调节亚基 1c 抗体

产品货号： mIR19991R

英文名称： PPP1R1C

中文名称： 蛋白磷酸酶 1 调节亚基 1c 抗体

别名： Inhibitor 5 of protein phosphatase 1; IPP5; PP1 inhibitor protein 5; Ppp1r1c; PPR1C\_HUMAN; Protein phosphatase 1 regulatory subunit 1A; Protein phosphatase 1 regulatory subunit 1C; protein phosphatase 1, regulatory (inhibitor) subunit 1C.

研究领域： 细胞生物 神经生物学 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, 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： 12kDa

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 PPP1R1C:1-100/567

**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 cAMP-regulated phosphoprotein. The encoded protein is enriched in the caudate nucleus and cerebellar cortex. A similar protein in mouse may be involved in regulating the effects of dopamine in the basal ganglia. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jun 2012]

**Function:**

Isoform 2 may act as a competitive inhibitor of calmodulin-dependent enzymes such as calcineurin in neurons.

**Subcellular Location:**

Cytoplasm.

**Tissue Specificity:**

Isoform 2 is expressed in brain. Isoform 1 is present in immature thymocytes (at protein level).

**Post-translational modifications:**

Phosphorylation at Ser-56 favors interaction with CALM1.

Isoform 1 is methylated by CARM1 in immature thymocytes.

**Similarity:**

Contains 1 R3H domain.

**SWISS:**

Q8WVI7

**Gene ID:**

151242

**Important Note:**

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