

## 磷酸二酯酶 1C 抗体

产品货号： mIR9969

英文名称： PDE1C

中文名称： 磷酸二酯酶 1C 抗体

别 名： 5''-cyclic nucleotide phosphodiesterase 1C; Calcium/calmodulin dependent 3'5' cyclic nucleotide phosphodiesterase 1C; Calcium/calmodulin-dependent 3''; Cam PDE 1C; Cam-PDE 1C; hCam 3; hCam-3; HCAM3; HSPDE1C1A; Human 3'5' cyclic nucleotide Phosphodiesterase; PDE 1C; Pde1c; PDE1C\_HUMAN; Phosphodiesterase 1C; Phosphodiesterase 1C calmodulin dependent; Phosphodiesterase 1C calmodulin dependent 70kDa.

研究领域： 细胞生物 染色质和核信号 信号转导

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： 81kDa

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 PDE1C:71-170/709

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 : Cyclic nucleotide phosphodiesterases (PDEs) catalyze hydrolysis of the cyclic nucleotides cAMP and cGMP to the corresponding nucleoside 5-prime-monophosphates. Mammalian PDEs have been classified into several families based on their biochemical properties. Members of the PDE1 family, such as PDE1C, are calmodulin (see MIM 114180)-dependent PDEs (CaM-PDEs) that are stimulated by a calcium-calmodulin complex (Repaske et al., 1992 [PubMed 1326532]).[supplied by OMIM, Oct 2009]

**Function:**

Cyclic nucleotide phosphodiesterase with a dual-specificity for the second messengers cAMP and cGMP, which are key regulators of many important physiological processes. Has a high affinity for both cAMP and cGMP.

**Subcellular Location:**

Cytoplasm.

**Tissue Specificity:**

Expressed in several tissues, including brain and heart.

**Similarity:**

Belongs to the cyclic nucleotide phosphodiesterase family. PDE1 subfamily.

**SWISS:**

Q14123

**Gene ID:**

5137

**Important Note:**

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