

磷酸二酯酶 8A 抗体

产品货号： mlR12587

英文名称： PDE8A

中文名称： 磷酸二酯酶 8A 抗体

别 名： 5''-cyclic phosphodiesterase 8A; cAMP specific cyclic nucleotide phosphodiesterase 8A; cAMP-specific cyclic nucleotide phosphodiesterase 8A; FLJ16150; High affinity cAMP specific and IBMX insensitive 3'5' cyclic phosphodiesterase 8A; High affinity cAMP-specific and IBMX-insensitive 3''; High-affinity cAMP-specific and IBMX-insensitive 3'5'-cyclic phosphodiesterase 8A; HsT19550; PDE 8A; PDE8A; PDE8A_HUMAN; Phosphodiesterase 8A; Phosphodiesterase8A; Weakly similar to 3'5' cyclic nucleotide phosphodiesterase; Weakly similar to 3'5'-cyclic-nucleotide phosphodiesterase.

研究领域： 细胞生物 信号转导

抗体来源： Rabbit

克隆类型： Polyclonal

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

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： 98-102kDa

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 PDE8A:201-300/829

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 cyclic nucleotide phosphodiesterase (PDE) family, and PDE8 subfamily. This PDE hydrolyzes the second messenger, cAMP, which is a regulator and mediator of a number of cellular responses to extracellular signals. Thus, by regulating the cellular concentration of cAMP, this protein plays a key role in many important physiological processes. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jul 2011]

Function:

Hydrolyzes the second messenger cAMP, which is a key regulator of many important physiological processes. May be involved in maintaining basal levels of the cyclic nucleotide and/or in the cAMP regulation of germ cell development.

Tissue Specificity:

Expressed in most tissues except thymus and peripheral blood leukocytes. Highest levels in testis, ovary, small intestine and colon.

Similarity:

Belongs to the cyclic nucleotide phosphodiesterase family.

PDE8 subfamily.

Contains 1 PAC (PAS-associated C-terminal) domain.

Contains 1 PAS (PER-ARNT-SIM) domain.

SWISS:

O60658

Gene ID:

5151

Important Note:

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