

磷脂酰乙醇胺 N-甲基转移酶抗体

产品货号： mIR12609

英文名称： PEAMT

中文名称： 磷脂酰乙醇胺 N-甲基转移酶抗体

别 名： PEAMT; PEMPT; PEMT; PEMT_HUMAN; PEMT2; phosphatidylethanolamine N methyltransferase; Phosphatidylethanolamine N-methyltransferase; PNMT.

研究领域： 肿瘤 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, 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： 22kDa

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 PEAMT:121-199/199 <Cytoplasmic>

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 : Phosphatidylcholine (PC) is the most abundant mammalian phospholipid. This gene encodes an enzyme which converts phosphatidylethanolamine to phosphatidylcholine by sequential methylation in the liver. Another distinct synthetic pathway in nucleated cells converts intracellular choline to phosphatidylcholine by a three-step process. The protein isoforms encoded by this gene localize to the endoplasmic reticulum and mitochondria-associated membranes. Alternate splicing of this gene results in multiple transcript variants encoding different isoforms. [provided by RefSeq, May 2012]

Function:

Catalyzes three sequential methylation of phosphatidylethanolamine (PE) by AdoMet, thus producing phosphatidylcholine (PC).

Subcellular Location:

Endoplasmic reticulum membrane. Mitochondrion membrane. Found in endoplasmic reticulum where most PEMT activity is generated and in mitochondria.

Similarity:

Belongs to the PEMT/PEM2 methyltransferase family.



SWISS:

Q9UBM1

Gene ID:

10400

Important Note:

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