

脑啡肽酶 γ 抗体

产品货号： mIR19205

英文名称： Neprilysin-like Protease gamma

中文名称： 脑啡肽酶 γ 抗体

研究领域： 细胞生物 神经生物学 细胞膜蛋白

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

产品应用： WB=1:500-2000 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： 89kDa

细胞定位： 细胞膜 分泌型蛋白

性 状： Lyophilized or Liquid

浓 度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human Neprilysin-like Protease gamma:351-450/779

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 is a member of the neutral endopeptidase (NEP) or membrane metallo-endopeptidase (MME) family. Family members play important roles in pain perception, arterial pressure regulation, phosphate metabolism and homeostasis. This protein is a type II transmembrane protein and is thought to be expressed as a secreted protein. This gene is expressed mainly in testis with weak expression in the brain, kidney, and heart. [provided by RefSeq, Jul 2008]

Function:

Metalloprotease involved in sperm function, possibly by modulating the processes of fertilization and early embryonic development. Degrades a broad variety of small peptides with a preference for peptides shorter than 3 kDa containing neutral bulky aliphatic or aromatic amino acid residues. Shares the same substrate specificity with MME and cleaves peptides at the same amide bond.

Subcellular Location:

Membrane. Secreted. A secreted form produced by proteolytic cleavage also exists.

Tissue Specificity:

Predominantly expressed in testis. Weakly expressed in brain, kidney and heart.

Post-translational modifications:

N-glycosylated.

Similarity:

Belongs to the peptidase M13 family.

SWISS:

Q495T6

Gene ID:

79258

Important Note:

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