脑啡肽 A 抗体

产品货号： mlR18226

英文名称： PENK(237-258)

中文名称： 脑啡肽 A 抗体

别　　名： EP-ENK; Enkephalin A; P ENK; Preproencephalin A; Proenkephalin A; Proenkephalin; Synenkephalin; Proenkephalin; Opioid growth factor; OGF; PENK protein; ProenkephalinA; PENK_HUMAN; Met-enkephalin-Arg-Gly-Leu; Met-enkephalin-Arg-Phe; Synenkephalin; PENK(114-133); PENK(143-183); PENK(237-258).

研究领域： 细胞生物　神经生物学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Horse,

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： 28kDa

细胞定位： 分泌型蛋白

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human PENK:237-258/267

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 preproprotein that is proteolytically processed to generate multiple protein products. These products include the pentapeptide opioids Met-enkephalin and Leu-enkephalin, which are stored in synaptic vesicles, then released into the synapse where they bind to mu- and delta-opioid receptors to modulate the perception of pain. Other non-opioid cleavage products may function in distinct biological activities. [provided by RefSeq, Jul 2015]

Function:

Met- and Leu-enkephalins compete with and mimic the effects of opiate drugs. They play a role in a number of physiologic functions, including pain perception and responses to stress. PENK(114-133) and PENK(237-258) increase glutamate release in the striatum. PENK(114-133) decreases GABA concentration in the striatum.

Subcellular Location:

Secreted.

Post-translational modifications:

The N-terminal domain contains 6 conserved cysteines thought to be involved in disulfide bonding and/or processing.

Similarity:

Belongs to the opioid neuropeptide precursor family.

SWISS:

P01210

Gene ID:

5179

Important Note:

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