结节漏斗肽 TIP39 抗体

产品货号： mlR18543

英文名称： TIP39/Tuberoinfundibular peptide

中文名称： 结节漏斗肽 TIP39 抗体

别　　名： TIP39; TIPF39; Tuberoinfundibular peptide of 39 residues.

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, Dog, Cow,

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.

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 TIP39/Tuberoinfundibular **peptide:62-10**0/100

mlbio 酶联生物
Good elisakit producers

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： Tuberoinfundibular peptide of 39 residues (TIP39) was initially identified as a neurotransmitter and agonist of the PTH2 receptor, which is expressed in the cardiovascular system. Accumulating evidence suggests that TIP39 may be the endogenous ligand of the parathyroid hormone 2 receptor. The vast majority of TIP39 containing neurons are localized in two regions, the subparafascicular area at the thalamic midbrain junction, and the medial paralemniscal nucleus in the rostral pons. In contrast to the restricted localization of TIP39 containing cell bodies, TIP39 containing fibers have a widespread distribution.

Function:

Plays a role as a potent and selective agonist of PTH2R resulting in adenyl cyclase activation and intracellular calcium levels elevation. Induces protein kinase C beta activation, recruitment of beta-arrestin and PTH2R internalization. May inhibit cell proliferation via its action on PTH2R activation. Neuropeptide which may also have a role in spermatogenesis. May activate nociceptors and nociceptive circuits.

Subunit:

Ligand of high affinity for the PTH2 receptor (PTH2R).

Subcellular Location:

Secreted

Tissue Specificity:

Highly expressed in fetal and adult brain, cerebellum and trachea. Weakly expressed in spinal cord, fetal liver, kidney and heart.

Similarity:

Belongs to the parathyroid hormone family.

SWISS:

Q96A98

Gene ID:

113091

Important Note:

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