神经胰蛋白酶抗体

产品货号： mlR18217

英文名称： Neurotrypsin

中文名称： 神经胰蛋白酶抗体

别　　名： BSSP 3; BSSP3; Leydin; MGC12722; MOTOPSIN; MRT1; NETR_HUMAN; Neurotrypsin; protease, serine, 12 (neurotrypsin, motopsin); Prss12; Serine protease 12.

研究领域： 细胞生物　神经生物学　泛素

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

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： 95kDa

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 Neurotrypsin:401-500/875

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 member of the trypsin family of serine proteases. Studies in mouse suggest that the encoded enzyme may be involved in structural reorganizations associated with learning and memory. The enzyme is also expressed in Leydig cells in the testis, but its function in this tissue is unknown. Defects in this gene are a cause of mental retardation autosomal recessive type 1 (MRT1). [provided by RefSeq, Jul 2010]

Function:

Plays a role in neuronal plasticity and the proteolytic action may subserve structural reorganizations associated with learning and memory operations.

Subcellular Location:

Secreted.

Tissue Specificity:

Brain and Leydig cells of the testis.

DISEASE:

Defects in PRSS12 are the cause of mental retardation autosomal recessive type 1 (MRT1) [MIM:249500]. Mental retardation is a mental disorder characterized by significantly sub-average general intellectual functioning associated with impairments in adaptative behavior and manifested during the developmental period. Non-syndromic mental retardation patients do not manifest other clinical signs.

Similarity:

Belongs to the peptidase S1 family.

Contains 1 kringle domain.

Contains 1 peptidase S1 domain.

Contains 4 SRCR domains.

SWISS:

P56730

Gene ID:

8492

Important Note:

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