

回肠绒毛刷状缘膜蛋白抗体

产品货号： mIR18992

英文名称： NAALADL1

中文名称： 回肠绒毛刷状缘膜蛋白抗体

别名： 100 kDa ileum brush border membrane protein; I100; Ileal dipeptidylpeptidase; Ileal peptidase I100; N acetylated alpha linked acidic dipeptidase like 1; N-acetylated-alpha-linked acidic dipeptidase-like protein; NAALADase L; NAALADASEL; NAALADL.

研究领域： 细胞生物 信号转导 泛素

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, Horse, Sheep,

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： 81kDa

细胞定位： 细胞膜

性状： Lyophilized or Liquid

浓度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human NAALADL1:501-600/740

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： NAALADL1 is a 740 amino acid single-pass type II membrane protein that localizes to the apical cell membrane. Belonging to the peptidase M28 family and the M28B subfamily, NAALADL1 is mainly expressed in the distal small intestine but is also expressed in spleen and testis. NAALADL1 is considered a novel ileal brush border membrane protein, NAALADL1 is thought to have dipeptidyl-peptidase IV type activity. NAALADL1 exists as eight alternatively spliced isoforms and is encoded by a gene located on human chromosome 11q13.1.

Function:

NAALADase-like activity unknown. Has no NAAG hydrolyzing activity. Exhibits a dipeptidyl-peptidase IV type activity. In vitro, cleaves Gly-Pro-AMC.

Subcellular Location:

Apical cell membrane; Single-pass type II membrane protein. Note: Ileal brush border membrane.

Tissue Specificity:

Mainly expressed in the distal small intestine. Also expressed in the spleen and testis. Weak expression in the brain, locating mainly to the brain stem, amygdala, thalamus and ventral striatum. Isoform 2 and 3 isoform 3 are found in the small intestine and colon.

Similarity:

Belongs to the peptidase M28 family. M28B subfamily.

SWISS:

Q9UQQ1

Gene ID:

10004

Important Note:

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