

胰岛细胞自身抗原相关蛋白 **PTPRN2** 抗体

产品货号： mlR20830

英文名称： PTPRN2

中文名称： 胰岛细胞自身抗原相关蛋白 **PTPRN2** 抗体

别 名： IA 2beta; IA2beta; IAR; IAR/receptor like protein tyrosine phosphatase; ICAAR; Islet cell autoantigen related protein; Islet cell autoantigen-related protein; Phogrin; Protein tyrosine phosphatase receptor pi; Protein tyrosine phosphatase, receptor type, N polypeptide 2; PTPR2_HUMAN; Ptpn2; PTPRP; R PTP N2; R-PTP-N2; Receptor-type tyrosine-protein phosphatase N2; Tyrosine phosphatase IA 2 beta.

研究领域： 细胞生物 信号转导 激酶和磷酸酶

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Mouse, Rat,

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 : 109kDa

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 mouse PTPRN2:521-620/1015 <Extracellular>

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : Preservative: 15mM Sodium Azide, Constituents: 1% BSA, 0.01M PBS, pH 7.4

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 background:

The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP possesses an extracellular region, a single transmembrane region, and a single intracellular catalytic domain, and thus represents a receptor-type PTP. The catalytic domain of this PTP is most closely related to PTPRN/IA-2beta. This PTP and PTPRN are both found to be major autoantigens associated with insulin-dependent diabetes mellitus. Three alternatively spliced transcript variants of this gene, which encode distinct proteins, have been reported. [provided by RefSeq, Jul 2008]

Function:

Implicated in development of nervous system and pancreatic endocrine cells.

Subcellular Location:

Membrane.

Tissue Specificity:

Highest levels in brain and pancreas. Lower levels in trachea, prostate, stomach and spinal chord.

Post-translational modifications:

Appears to undergo multiple proteolytic cleavage at consecutive basic residues. Similarity : Belongs to the protein-tyrosine phosphatase family. Receptor class 8 subfamily. Contains 1 tyrosine-protein phosphatase domain.

SWISS:

P80560

Gene ID:

19276

Important Note:

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

产品图片

