蛋白酪氨酸磷酸酶亩 mu 抗体

产品货号： mlR18838

英文名称： PTP mu

中文名称： 蛋白酪氨酸磷酸酶亩 mu 抗体

别　　名： hR PTPu; Protein tyrosine phosphatase mu; Protein tyrosine phosphatase receptor type M; Protein tyrosine phosphatase receptor type mu polypeptide; Protein-tyrosine phosphatase mu; PTPRL1; Ptprm; PTPRM_HUMAN; R PTP mu; R-PTP-mu; Receptor type tyrosine protein phosphatase mu; Receptor-type tyrosine-protein phosphatase mu; RPTPM; RPTPU.

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： Human, Mouse, Rat, 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.

分 子 量： 162kDa

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 PTP mu:201-300/1452 <Extracellular>

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： 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 two tandem catalytic domains, and thus represents a receptor-type PTP. The extracellular region contains a meprin-A5 antigen-PTP mu (MAM) domain, an Ig-like domain and four fibronectin type III-like repeats. This PTP has been shown to mediate cell-cell aggregation through the interaction with another molecule of this PTP on an adjacent cell. This PTP can interact with scaffolding protein RACK1/GNB2L1, which may be necessary for the downstream signaling in response to cell-cell adhesion. Alternative splicing results in multiple transcripts encoding distinct isoforms. [provided by RefSeq, Jul 2008]

Function:

Involved in cell-cell adhesion through homophilic interactions. May play a key role in signal transduction and growth control.

Subcellular Location:

Membrane.

Similarity:

Belongs to the protein-tyrosine phosphatase family.

Receptor class 2B subfamily.

Contains 4 fibronectin type-III domains.

Contains 1 Ig-like C2-type (immunoglobulin-like) domain.

Contains 1 MAM domain.

Contains 2 tyrosine-protein phosphatase domains.

SWISS:

P28827

Gene ID:

5797

Important Note:

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