

PTP mu Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57269**Specification**

PTP mu Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	P28827
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	163682

PTP mu Polyclonal Antibody - Additional Information**Gene ID** 5797**Other Names**

Receptor-type tyrosine-protein phosphatase mu, Protein-tyrosine phosphatase mu, R-PTP-mu, 3.1.3.48, PTPRM, PTPRL1

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

PTP mu Polyclonal Antibody - Protein Information**Name** PTPRM**Synonyms** PTPRL1**Function**

Receptor protein-tyrosine phosphatase that mediates homotypic cell-cell interactions and plays a role in adipogenic differentiation via modulation of p120 catenin/CTNND1 phosphorylation (PubMed:10753936, PubMed:17761881). Promotes CTNND1 dephosphorylation and prevents its cytoplasmic localization where it inhibits SLC2A4 membrane trafficking. In turn, SLC2A4 is directed to the plasma membrane and performs its glucose transporter function (PubMed:21998202).

Cellular Location

Cell membrane; Single-pass type I membrane protein. Note=Localizes in regions of cell- cell contact.

PTP mu Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PTP mu Polyclonal Antibody - Images