

PTPRO Rabbit pAb

Catalog No.: A18130

Basic Information

Observed MW

Refer to figures

Calculated MW

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Mouse, Rat

Background

Enables Wnt-protein binding activity; protein homodimerization activity; and protein tyrosine phosphatase activity. Involved in several processes, including peptidyl-tyrosine dephosphorylation involved in inactivation of protein kinase activity; plasma membrane bounded cell projection organization; and slit diaphragm assembly. Located in several cellular components, including apical plasma membrane; glutamatergic synapse; and lateral plasma membrane. Is active in GABA-ergic synapse. Is integral component of postsynaptic density membrane. Is expressed in several structures, including alimentary system; brain; genitourinary system; immune system; and spinal cord. Human ortholog(s) of this gene implicated in nephrotic syndrome type 6. Orthologous to human PTPRO (protein tyrosine phosphatase receptor type O).

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

19277

Swiss Prot

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 637-827 of human PTPRO (NP_035346.3).

Synonyms

D28; PTPBK; PTPU2; PTPoc; GLEPP1; PTPROt; PTPphi; Ptpn15; R-PTP-O; PTPRO

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.