

A18130

Leader in Biomolecular Solutions for Life Science



PTPRO Rabbit pAb

Catalog No.: A18130

Basic Information

Observed MW

Refer to figures

Calculated MW

Category

Polyclonal Antibody

Applications

WB,ELISA

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

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

19277

Swiss Prot

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

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

Contact

 www.abclonal.com

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.