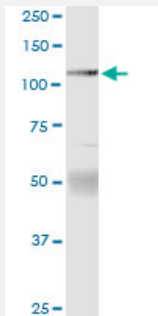


PTPRN2 (Human) IP-WB Antibody Pair

Catalog # H00005799-PW1

Size 1 Set

Applications



Immunoprecipitation of PTPRN2 transfected lysate using rabbit polyclonal anti-PTPRN2 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-PTPRN2.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of PTPRN2 transfected lysate using rabbit polyclonal anti-PTPRN2 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-PTPRN2.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-PTPRN2 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-PTPRN2 (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — PTPRN2

Entrez GeneID [5799](#)

Gene Name PTPRN2

Gene Alias IA-2beta, IAR, ICAAR, PTPRP

Gene Description protein tyrosine phosphatase, receptor type, N polypeptide 2

Omim ID [601698](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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]

Other Designations IAR/receptor-like protein-tyrosine phosphatase|phogrin|protein tyrosine phosphatase receptor p|tyrosine phosphatase IA-2 beta

Pathway

- [Type I diabetes mellitus](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Cerebral Hemorrhage](#)
- [Chromosome Deletion](#)
- [Chronic Disease](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Tobacco Use Disorder](#)