

DNAxPAb

Hard-to-Find
Antibody

PTPRN DNAxPAb

Catalog # H00005798-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human PTPRN DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — PTPRN

Entrez GeneID	5798
GeneBank Accession#	BC070053.1
Protein Accession#	AAH70053.1
Gene Name	PTPRN
Gene Alias	FLJ16131, IA-2, IA-2/PTP, IA2, ICA512, R-PTP-N
Gene Description	protein tyrosine phosphatase, receptor type, N
Omim ID	601773
Gene Ontology	Hyperlink
Gene Summary	<p>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 catalytic domain, and thus represents a receptor-type PTP. This PTP was found to be an autoantigen that is reactive with insulin-dependent diabetes mellitus (IDDM) patient sera, and thus may be a potential target of autoimmunity in diabetes mellitus. [provided by RefSeq]</p>
Other Designations	islet cell antigen 2 islet cell antigen 512 islet cell autoantigen 3 protein tyrosine phosphatase-like N

Pathway

- [Type I diabetes mellitus](#)

Disease

- [Diabetes Mellitus](#)