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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PTPRN2 polyclonal antibody (A01)

Catalog # : H00005799-A01

規格 : [50 uL]

List All

Specification

Product Description: Mouse polyclonal antibody raised against a partial recombinant PTPRN2.

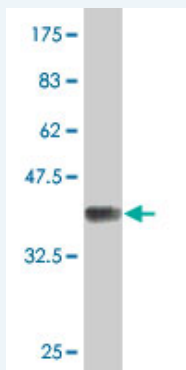
Immunogen: PTPRN2 (NP_002838, 108 a.a. ~ 212 a.a) partial recombinant protein with GST tag.

Sequence: ELADLPKTYLRRPEASSPARPSKHSVGSERRYSREGGAALANALRRHLP
FLEALSQAPASDVLARTHTAQDRPPAEGDDRFSESILTYVAHTSALTYPP
GPRTQL

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (37.66 KDa) .

Storage Buffer: 50 % glycerol

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Recombinant protein)

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [5799](#)

GeneBank Accession#: [NM_002847](#)

Application Image

Western Blot (Recombinant protein)

ELISA

Protein Accession#: [NP_002838](#)

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 pi, tyrosine phosphatase IA-2 beta

Gene Pathway

[Type I diabetes mellitus](#)

Related Disease

[Breast cancer](#) [Breast Neoplasms](#) [Cardiovascular Diseases](#) [Cerebral Hemorrhage](#) [Chromosome Deletion](#) [Chronic Disease](#) [Diabetes Mellitus, Type 2](#) [Edema](#) [Genetic Predisposition to Disease](#) [Hypertension](#) [Intracranial Hemorrhages](#) [Kidney Diseases](#) [Kidney Failure, Chronic](#) [Stroke](#) [Subarachnoid Hemorrhage](#) [Tobacco Use Disorder](#)