

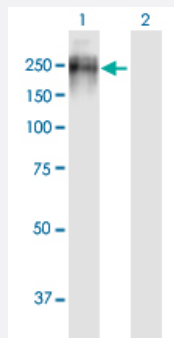
MaxPab®

PTPRJ purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005795-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PTPRJ expression in transfected 293T cell line ([H00005795-T01](#)) by PTPRJ MaxPab polyclonal antibody.

Lane 1: PTPRJ transfected lysate(147.1 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PTPRJ protein.

Immunogen

PTPRJ (AAI60125.1, 1 a.a. ~ 1337 a.a) full-length human protein.

Sequence

MKPAAREARLPPRSPGLRWALPLLLLLRLGQILCAGGTPSPIPDPSVATVATGENGITQISSTAES
 FHKQNGTGTPQVETNTSEDGESSGANDSLRTP EQSNGTDGASQKTPSSTGSPVFDIKAVSIS
 PTNVILTWKSNDAASEYKYVVKHKMEN EKTITVVHQPWCNITGLRPATSYVFSITPGIGNETW GDP
 RVIKVITEPIPVSDLRVALTGVRKAALSWSNNGNTASCRVLLESIGSHEELTQDSRLQVNISGLKPG
 VQYNINPYLLQSNKTKGDP LGTEGGLDASNTERSRAGSPTAPVHDESLVGPVDPSSGQQSRDTE
 VLLVGLEPGTRYNATVYSQAANGTEGQPQ AIEFRTNAIQVFDVTAVNISATSLTLWKVSDNESSN
 YTYKIHVAGETDSSNLNVSEPRVIPGLRSSTFYNITVCPVLGDIEGTPGFLQVHTPPVPVSDFRVT
 VVSTTEIGLAWSSHDAESFQMHITQEGAGNSRVEITTNQSIIGGLFPGTKYCFEIVPKGPNGTEGAS
 RTVCNRTVPSAVFDIHVVYVTTTEMWLDWKSPDGASEVYHLVIESKHGNSNHTSTYDKAITLQGLIP
 GTLYNITISPEVDHVGDPNSTAQYTRPSNVSNIDVSTNTTAATLSWQNFDDASPTYSYCLLIEKAG
 NSSNATQVVTDIGITDATVTELIPGSSYTVEIFAQVGDGIKSLEPGRKSFCTDPASMASFDCEVVPK
 EPALVLKWTCPPGANAGFELEVSSGAWNNATHLESCSSENGTEYRTEVTYLNFSTSYNISITTVSC
 GKMAAPTRNTCTTGITDPPPPDGSPNITSVSHNSVKVKFSGFEASHGPIKAYAVILTTGEAGHP SA
 DVLKYTYEDFKKGASDTYV TYLIRTEEKGRSQSLSEVLKYEIDVGNESTTLGYNGKLEPLG SYRAC
 VAGFTNITFHPQNKGLIDGAESYVSFSRYSDAVSLPQDPGVICGAVFGCIFGALVMTVGGFIFWRK
 KRKDAKNNEVSFSQIKPKKSKLIRVENFEAYFKKQQADSNCGFAEEYEDLKL VGISQPKYAAELA
 ENRGKNRYNNVLPYDISRVKLSVQTHSTDDYINANYMPGYHKKDFIATQG PLPNTLKDFWRMVW
 EKNVYAIIMLT KCVEQGRTKCEEYWPSKQAQDYGDITVAMTSEMLPEWTIRDFTVKNIQTSESHPL
 RQFHFTSWPDHGV PDDTDLINFRYLVRDYMKQSPPESPILVHCSAGVGRTGT FIAIDRLIYQIENEN
 TVDVYGVYDLRMHRPLMVQTEDQYVFLNQCVLDIRSQKDSKVDLIYQNTTAMTIYENLAPVTTFG
 KTNGYIA

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Rat (72)

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)

Western Blot analysis of PTPRJ expression in transfected 293T cell line ([H00005795-T01](#)) by PTPRJ MaxPab polyclonal antibody.

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — PTPRJ

Entrez GeneID	5795
GeneBank Accession#	BC160125.1
Protein Accession#	AA160125.1
Gene Name	PTPRJ
Gene Alias	CD148, DEP1, HPTPeta, R-PTP-ETA, SCC1
Gene Description	protein tyrosine phosphatase, receptor type, J
Omim ID	114500 600925
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 containing five fibronectin type III repeats, a single transmembrane region, and a single intracytoplasmic catalytic domain, and thus represents a receptor-type PTP. This protein is present in all hematopoietic lineages, and was shown to negatively regulate T cell receptor signaling possibly through interfering with the phosphorylation of Phospholipase C Gamma 1 and Linker for Activation of T Cells. This protein can also dephosphorylate the PDGF beta receptor, and may be involved in UV-induced signal transduction. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	CD148 antigen human density enhanced phosphatase-1 protein tyrosine phosphatase, receptor type, J polypeptide receptor-type tyrosine-protein phosphatase eta susceptibility to colon cancer 1, mouse, homolog of

Publication Reference

- [Type 2 Diabetes Biomarkers and Uses Thereof.](#)

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United States Patent Application Publication 2015 Nov; [Epub].

Application: IF, WB, Human, Mouse, Rat, Islets, INS832/13, MIN6 cells

Pathway

- [Adherens junction](#)

Disease

- [Adenoma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cell Transformation](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Neoplasm Invasiveness](#)
- [Neoplasms](#)
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