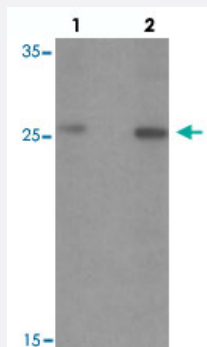


PTPRD polyclonal antibody

Catalog # PAB27193 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of PTPRD in HeLa cell lysate with PTPRD polyclonal antibody (Cat # PAB27193) at (lane 1) 1 and (lane 2) 2 ug/mL.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PTPRD.
Immunogen	A synthetic peptide corresponding to 18 amino acids at N-terminus of human PTPRD.
Host	Rabbit
Reactivity	Human
Specificity	PTPRD antibody is human specific. At least three alternatively spliced transcript variants encoding distinct isoforms have been observed.
Form	Liquid
Purification	Peptide affinity purification
Concentration	1 mg/mL
Isotype	IgG
Recommend Usage	Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)

Storage Instruction

Store at 4°C for three months. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of PTPRD in HeLa cell lysate with PTPRD polyclonal antibody (Cat # PAB27193) at (lane 1) 1 and (lane 2) 2 ug/mL.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PTPRD

Entrez GeneID[5789](#)**Protein Accession#**[NP_569075](#)**Gene Name**

PTPRD

Gene Alias

HPTP, HPTP-DELTA, HPTPD, MGC119750, MGC119751, MGC119752, MGC119753, PTPD, R-PTP-DELTA

Gene Description

protein tyrosine phosphatase, receptor type, D

Omim ID[601598](#)**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 contains an extra cellular region, a single transmembrane segment and two tandem intracytoplasmic catalytic domains, thus represents a receptor-type PTP. The extracellular region of this protein is composed of three Ig-like and eight fibronectin type III-like domains. Studies of the similar genes in chick and fly suggest the role of this PTP is in promoting neurite growth, and regulating neurons axon guidance. Multiple tissue specific alternatively spliced transcript variants of this gene have been reported. [provided by RefSeq]

Other Designations

OTTHUMP00000022727|protein tyrosine phosphatase delta|protein tyrosine phosphatase, receptor type, delta polypeptide

Disease

- [Asthma](#)
- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Diabetes Mellitus](#)
- [Disease](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
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- [Restless Legs Syndrome](#)
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