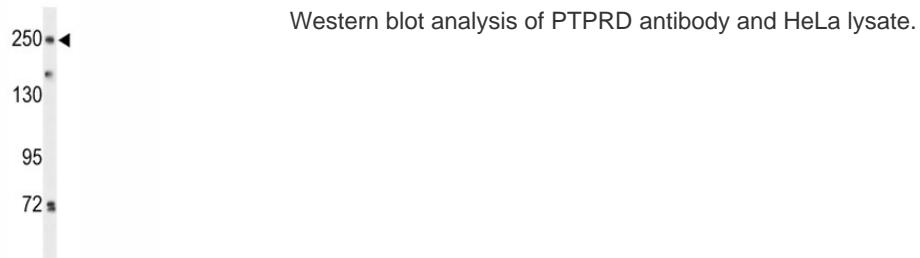


## PTPRD Antibody (F51797)

Catalog No.	Formulation	Size
F51797-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F51797-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P23468
Applications	Western Blot : 1:1000
Limitations	This PTPRD antibody is available for research use only.



### Description

PTPRD 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 extracellular region, a single transmembrane segment and two tandem intracytoplasmic catalytic domains, and 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 chicken and fly suggest the role of this PTP is in promoting neurite growth, and regulating neurons axon guidance.

## Application Notes

Titration of the PTPRD antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 343-371 from the human protein was used as the immunogen for this PTPRD antibody.

## Storage

Aliquot the PTPRD antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.