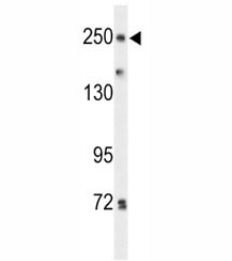
PTPRD Antibody (F51797)

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.



Western blot analysis of PTPRD antibody and HeLa lysate.

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.

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