

PTPRD Polyclonal Antibody

Catalog No: #29396



Package Size: #29396-1 50ul #29396-2 100ul

Orders: order@signalwayantibody.com  
Support: tech@signalwayantibody.com

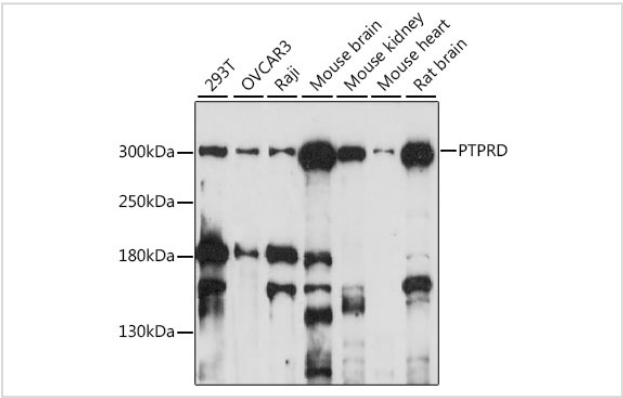
Description

Product Name	PTPRD Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human PTPRD (NP_002830.1).
Other Names	PTPRD; HPTP; HPTPD; HPTPDELTA; PTPD; RPTPDELTA; protein tyrosine phosphatase, receptor type D
Accession No.	Swiss-Prot#:P23468NCBI Gene ID:5789
Uniprot	P23468
GeneID	5789;
Calculated MW	300kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

Application Details

WB 1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using PTPRD at 1:1000 dilution.

Background

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 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. Multiple alternatively spliced transcript variants of this gene have been reported. A related pseudogene has been identified on chromosome 5.

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Note: This product is for in vitro research use only