

Rabbit PTPRD Polyclonal Antibody | anti-PTPRD antibody

PTPRD Polyclonal Antibody

CATALOG # AAA280716	HOST Rabbit	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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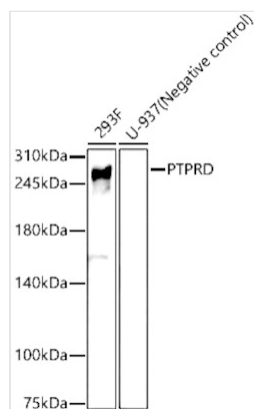
PRODUCT SYNONYMS

PTPRD; Polyclonal Antibody; PTPRD Polyclonal Antibody; HPTP; PTPD; HPTPD; HPTPDELTA; RTPDELTA; anti-PTPRD antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	1505
Applicable Applications for anti-PTPRD antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 475-574 of human PTPRD (NP_002830.1).
Species/Cross Reactivity	Human, Mouse
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of various lysates, using PTPRD Rabbit pAb (AAA280716) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-PTPRD antibody	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.
Product Categories/Family for anti-PTPRD antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	283484024
NCBI GeneID	5789
NCBI Accession #	NP_001164496.1
NCBI GenBank Nucleotide #	NM_001171025.1
UniProt Accession #	P23468; Q3KPJ0; Q3KPJ1; Q3KPJ2; B1ALA0; F5GWT7
Molecular Weight	Observed MW: 252kDa Calculated MW: 215kDa
NCBI Official Full Name	receptor-type tyrosine-protein phosphatase delta isoform 6
NCBI Official Synonym Full Names	protein tyrosine phosphatase, receptor type D
NCBI Official Symbol	PTPRD
NCBI Official Synonym Symbols	HPTP; PTPD; HPTPD; HPTPDELTA; RTPDELTA
NCBI Protein Information	receptor-type tyrosine-protein phosphatase delta
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase delta
UniProt Gene Name	PTPRD
UniProt Synonym Gene Names	Protein-tyrosine phosphatase delta; R-PTP-delta
UniProt Entry Name	PTPRD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.