

Rabbit anti-Human PTPRD Polyclonal Antibody | anti-PTPRD antibody

PTPRD Antibody

CATALOG # AAA39764	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
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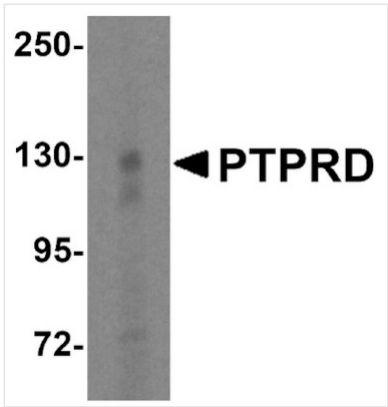
PRODUCT SYNONYMS

PTPRD; Polyclonal Antibody; PTPRD Antibody; HPTP; PTPD; HPTPD; HPTPDELTA; RPTPDELTA; Receptor-type tyrosine-protein phosphatase delta; Protein-tyrosine phosphatase delta; protein tyrosine phosphatase; receptor type; D; anti-PTPRD antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	PTPRD Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid; PTPRD Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL (varies by lot)
Sequence Length	1505
Applicable Applications for anti-PTPRD antibody	WB (Western Blot), ELISA
Immunogen	PTPRD antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human PTPRD. The immunogen is located within the first 50 amino acids of PTPRD.
Homology	Predicted species reactivity based on immunogen sequence: Mouse: (100%)
Specificity	PTPRD antibody is human specic. At least three alternatively spliced variants encoding distinct isoforms have been observed. PTPRD cleavage products are often observed in vivo.
Preparation and Storage	PTPRD antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



WB (Western Blot)
Western blot analysis of PTPRD in HeLa cell lysate with PTPRD antibody at 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-PTPRD antibody	PTPRD Antibody: PTPRD (Protein tyrosine phosphatase receptor type D) is a member of the protein tyrosine phosphatase (PTP) family that plays diverse roles during development including cell growth, differentiation, mitotic cycle and oncogenic transformation. PTPRD contains an extracellular region, a single transmembrane segment and two tandem intracytoplasmic catalytic domains. The extracellular region of PTPRD is composed of three Ig-like and eight fibronectin type III-like domains (1,3). PTPRD interacts with PPFIA1-3 and is a tumor suppressor on chromosome 9p that is involved in the development of glioblastoma multiforme (GBMs) and multiple human cancers.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	289547551
NCBI GeneID	5789
NCBI Accession #	NP_569075
NCBI GenBank Nucleotide #	NM_130391.3
UniProt Accession #	P23468; Q3KPJ0; Q3KPJ1; Q3KPJ2; B1ALA0; F5GWT7
Molecular Weight	Predicted Molecular Weight Predicted: 165, 210 kDa (130 kDa for cleavage product) Observed: 130 kDa
NCBI Official Full Name	receptor-type tyrosine-protein phosphatase delta isoform 2
NCBI Official Synonym Full Names	protein tyrosine phosphatase, receptor type, D
NCBI Official Symbol	PTPRD
NCBI Official Synonym Symbols	HPTP; PTPD; HPTPD; HPTPDELTA; RPTPDELTA
NCBI Protein Information	receptor-type tyrosine-protein phosphatase delta; R-PTP-delta; protein tyrosine phosphatase, receptor type, delta polypeptide
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.

