

Datasheet for ABIN1449953  
**anti-PTPRD antibody (N-Term)**



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1 Image

## Overview

Quantity:	0.1 mg
Target:	PTPRD
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPRD antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	18 amino acid synthetic peptide near the amino terminus of Human PTPRD
Isotype:	IgG
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography purified via peptide column

## Target Details

Target:	PTPRD
Alternative Name:	PTPRD ( <a href="#">PTPRD Products</a> )
Background:	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,

## Target Details

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 PPFA1-3 and is a tumor suppressor on chromosome 9p that is involved in the development of glioblastoma multiforme (GBMs) and multiple human cancers. Synonyms: Protein-tyrosine phosphatase delta, R-PTP-delta, Receptor-type tyrosine-protein phosphatase delta

Gene ID: 5789

NCBI Accession: [NP\\_569075](#)

Pathways: [Synaptic Membrane](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Concentration: 1.0 mg/mL

Buffer: PBS containing 0.02 % Sodium Azide as preservative

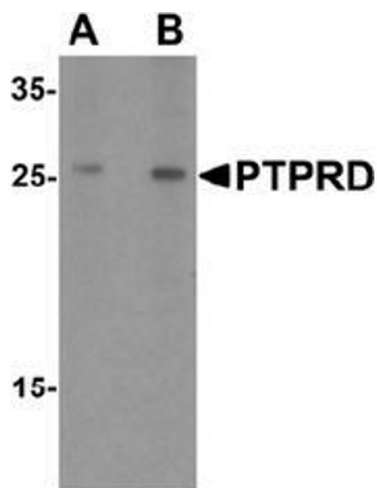
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

**Image 1.** Western blot analysis of PTPRD in HeLa cell lysate with PTPRD Antibody at (A) 1 and (B) 2 ug/mL.