

Datasheet for ABIN653540
anti-PTPRD antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	PTPRD
Binding Specificity:	AA 343-371, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPRD antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This PTPRD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 343-371 amino acids from the N-terminal region of human PTPRD.
Clone:	RB25179
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PTPRD
Alternative Name:	PTPRD (PTPRD Products)
Background:	PTPRD is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be

Target Details

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.

Molecular Weight: 214760

Gene ID: 5789

NCBI Accession: [NP_001164496](#), [NP_002830](#), [NP_569075](#), [NP_569076](#)

UniProt: [P23468](#)

Pathways: [Synaptic Membrane](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

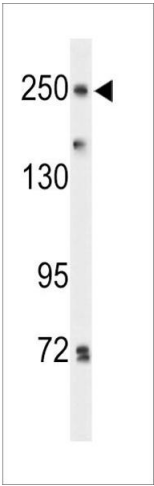
Preservative: Sodium azide

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

Storage: 4 °C,-20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Western Blotting

Image 1. Western blot analysis of PTPRD Antibody (N-term) (ABIN653540 and ABIN2842928) in HeLa cell line lysates (35 µg/lane). PTPRD (arrow) was detected using the purified Pab.