

Datasheet for ABIN3032402
anti-PTPRD antibody (AA 343-371)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	PTPRD
Binding Specificity:	AA 343-371
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPRD antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 343-371 from the human protein was used as the immunogen for this PTPRD antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

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 signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP contains an extracellular

Target Details

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.

UniProt: [P23468](#)

Pathways: [Synaptic Membrane](#)

Application Details

Application Notes: Titration of the PTPRD antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In 1X PBS, pH 7.4, with 0.09 % 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: -20 °C

Storage Comment: Aliquot the PTPRD antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. Western blot analysis of PTPRD antibody and HeLa lysate.

Western Blotting

Image 2. Western blot analysis of PTPRD antibody and HeLa lysate.