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Datasheet for ABIN6991696 **anti-PTPRD antibody (N-Term)**

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), ELISA

Product Details

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.
Isotype:	IgG
Specificity:	PTPRD antibody is human specific. At least three alternatively spliced transcript variants encoding distinct isoforms have been observed. PTPRD cleavage products are often observed in vivo
Purification:	PTPRD Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	PTPRD
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Target Details

Alternative Name:	PTPRD (PTPRD Products)
Background:	<p>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.</p>
Molecular Weight:	<p>Predicted: 165, 210 kDa (130 kDa for cleavage product)</p> <p>Observed: 130 kDa</p>
Gene ID:	5789
NCBI Accession:	NP_569075
UniProt:	P23468
Pathways:	Synaptic Membrane

Application Details

Application Notes:	<p>PTPRD antibody can be used for detection of PTPRD by Western blot at 1 - 2 µg/mL.</p> <p>Antibody validated: Western Blot in human samples. All other applications and species not yet tested.</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PTPRD Antibody is supplied in PBS containing 0.02 % 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.

Handling

Storage: -20 °C, 4 °C

Storage Comment: 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.