

Anti-PTPRD Antibody

Catalog Number: A03977

About PTPRD

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.

Overview

Product Name	Anti-PTPRD Antibody
Reactive Species	Human
Description	Boster Bio Anti-PTPRD Antibody (Catalog # A03977). Tested in ELISA, WB applications. This antibody reacts with Human.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	PTPRD Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	PTPRD antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	P23468

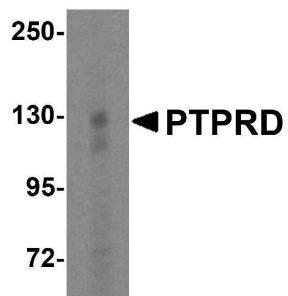
Technical Details

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.
Predicted Reactive Species	Mouse
Cross Reactivity	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
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	PTPRD Antibody is affinity chromatography purified via peptide column.

Suggested Dilutions

PTPRD antibody can be used for detection of PTPRD by Western blot at 1 - 2 ug/mL.
Antibody validated: Western Blot in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

Anti-PTPRD Antibody (A03977) Images



Western blot analysis of PTPRD in HeLa cell lysate with PTPRD antibody at 1 ug/mL.

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Anti-PTPRD Antibody

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