

# PTPRJ Rabbit pAb

Catalog No.: A10169

## Basic Information

### Catalog No.

A10169

### Observed MW

260kDa

### Calculated MW

57kDa/145kDa

### Category

Primary antibody

### Applications

WB

### Cross-Reactivity

Human, Mouse

## Recommended Dilutions

**WB** 1:200 - 1:1000

## Background

The protein encoded by this gene 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 possesses an extracellular region containing five fibronectin type III repeats, a single transmembrane region, and a single intracytoplasmic catalytic domain, and thus represents a receptor-type PTP. This protein is present in all hematopoietic lineages, and was shown to negatively regulate T cell receptor signaling possibly through interfering with the phosphorylation of Phospholipase C Gamma 1 and Linker for Activation of T Cells. This protein can also dephosphorylate the PDGF beta receptor, and may be involved in UV-induced signal transduction. Multiple transcript variants encoding different isoforms have been found for this gene.

## Immunogen Information

### Gene ID

5795

### Swiss Prot

Q12913

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 140-370 of human PTPRJ (NP\_002834.3).

### Synonyms

PTPRJ;CD148;DEP1;HPTPeta;R-PTP-ETA;SCC1

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

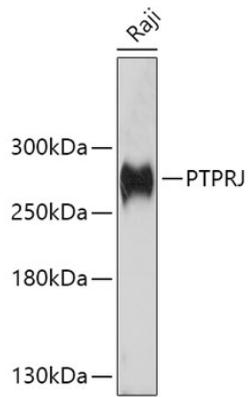
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data

---



Western blot analysis of extracts of Raji cells, using PTPRJ antibody (A10169) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.