

Datasheet for ABIN392828  
**anti-PTPRR antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	PTPRR
Binding Specificity:	AA 234-265, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPRR antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This PCPTP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 234-265 amino acids from the N-terminal region of human PCPTP1.
Clone:	RB0621
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	PTPRR
Alternative Name:	PCPTP1 ( <a href="#">PTPRR Products</a> )

## Target Details

Background:	PCPTP1 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, a single transmembrane region, and a single intracellular catalytic domains, and thus represents a receptor-type PTP. The similar gene for this protein predominately expressed in mouse brain was found to associate with, and thus regulate the activity and cellular localization of MAP kinases. The rat counterpart of the gene for this protein was reported to be regulated by the nerve growth factor, which suggested a function in neuronal growth and differentiation.
Molecular Weight:	73834
Gene ID:	5801
NCBI Accession:	<a href="#">NP_001193944</a> , <a href="#">NP_001193945</a> , <a href="#">NP_002840</a> , <a href="#">NP_570897</a>
UniProt:	<a href="#">Q15256</a>

## Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

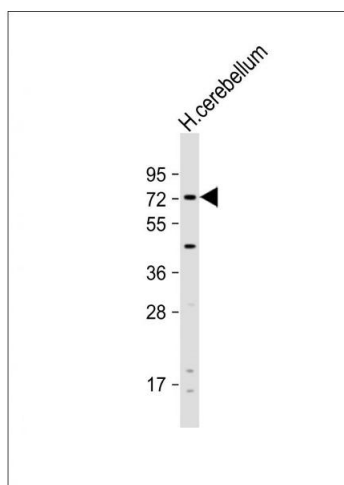
## Handling

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



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded human brain tissue reacted with hPCPTP1-, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



#### Western Blotting

**Image 2.** Anti-PCPTP1 Antibody (N-term) at 1:1000 dilution + human cerebellum lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 74 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.