

For Research Use Only

# PTPRZ1 Polyclonal antibody

Catalog Number: 55125-1-AP

6 Publications



## Basic Information

Catalog Number:

55125-1-AP

Size:

700 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_002851

GeneID (NCBI):

5803

UNIPROT ID:

P23471

Full Name:

protein tyrosine phosphatase,  
receptor-type, Z polypeptide 1

Calculated MW:

255 kDa

Observed MW:

163-175 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

**Note-IHC: suggested antigen retrieval with  
TE buffer pH 9.0; (\*) Alternatively, antigen  
retrieval may be performed with citrate  
buffer pH 6.0**

Positive Controls:

WB : HepG2 cells, HeLa cells

IHC : rat cerebellum tissue,

## Background Information

PTPRZ1, also named as HTPZP2, PTPRZ, PTPRZ2 and PTPZ, belongs to the protein-tyrosine phosphatase family and Receptor class 5 subfamily. It may be involved in the regulation of specific developmental processes in the CNS. PTPRZ1 has some isoforms with MW 254 kDa, 163 kDa and 90 kDa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Liwei Ma	35251170	J Oncol	WB,IHC
Zhixiong Liu	35143418	J Clin Invest	WB
Yongkang Ma	39443724	Oncogene	IHC

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

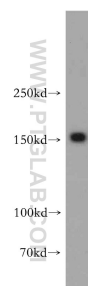
T: 4006900926

E: Proteintech-CN@ptglab.com

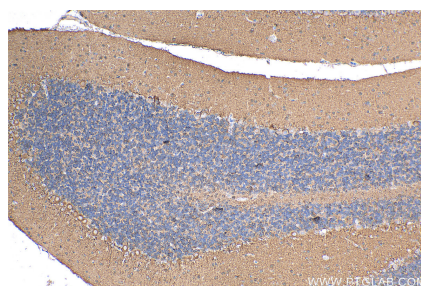
W: ptgcn.com

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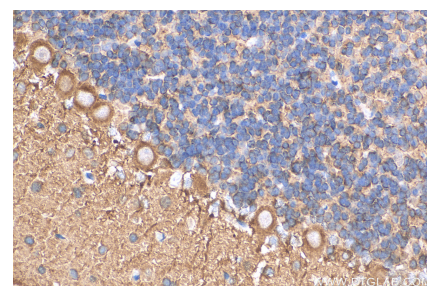
## Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 55125-1-AP (PTPRZ1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded rat cerebellum tissue slide using 55125-1-AP (PTPRZ1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat cerebellum tissue slide using 55125-1-AP (PTPRZ1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).