

For Research Use Only

PTPRZ1 Polyclonal antibody

Catalog Number: 55125-1-AP

6 Publications



Basic Information

Catalog Number:

55125-1-AP

Size:

150ul, Concentration: 350 ug/ml by Nanodrop and 260 ug/ml by Bradford method using BSA as the standard;

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

Positive Controls:

WB : HepG2 cells, HeLa cells

IHC : rat cerebellum tissue,

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

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

*** 20ul sizes contain 0.1% BSA

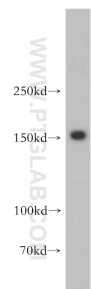
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

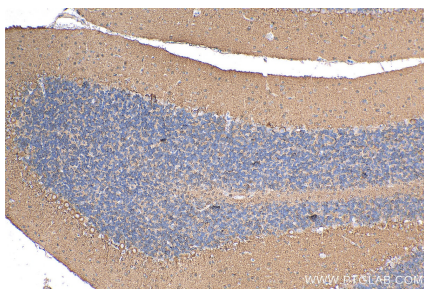
E: proteintech@ptglab.com
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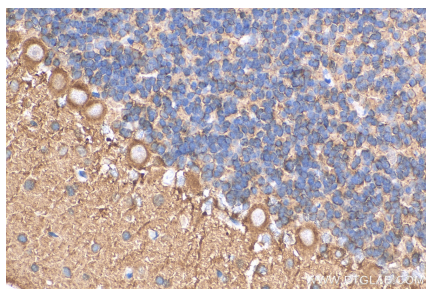
Selected Validation Data



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).