

For Research Use Only

PTPRZ1 Polyclonal antibody

Catalog Number: 55125-1-AP **2 Publications**



Basic Information

Catalog Number: 55125-1-AP	GenBank Accession Number: NM_002851	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 350 µg/ml by Nanodrop and 260 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5803	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	Full Name: protein tyrosine phosphatase, receptor-type, Z polypeptide 1	
Isotype: IgG	Calculated MW: 255 kDa	
	Observed MW: 163-175 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : HepG2 cells, HeLa cells IHC : rat cerebellum tissue,
Cited Applications: IHC, WB	
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

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

Storage

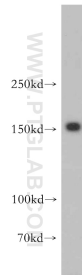
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

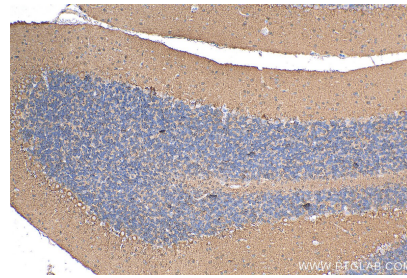
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

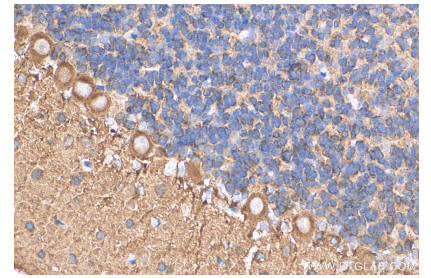
Selected Validation Data



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).