

For Research Use Only

PTPN5 Polyclonal antibody

Catalog Number: 14515-1-AP **1 Publications**



Basic Information

Catalog Number: 14515-1-AP	GenBank Accession Number: BC064807	Purification Method: Antigen affinity purification
Size: 500 µg/ml	GeneID (NCBI): 84867	Recommended Dilutions: WB 1:200-1:1000
Source: Rabbit	UNIPROT ID: P54829	IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate
Isotype: IgG	Full Name: protein tyrosine phosphatase, non-receptor type 5 (striatum-enriched)	IHC 1:50-1:500
Immunogen Catalog Number: AG5974	Calculated MW: 64 kDa	
	Observed MW: 46-50 kDa, 61-66 kDa	

Applications

Tested Applications: IHC, IP, WB, ELISA	Positive Controls: WB : HL-60 cells,
Cited Applications: WB	IP : mouse brain tissue,
Species Specificity: human, mouse, rat	IHC : mouse spleen tissue,
Cited Species: rat	

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

Notable Publications

Author	Pubmed ID	Journal	Application
Yi-Yue Zhang	36527595	Mol Neurobiol	WB

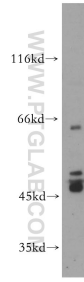
Storage

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

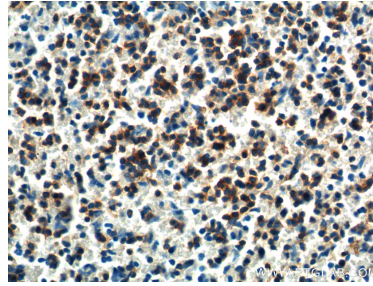
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

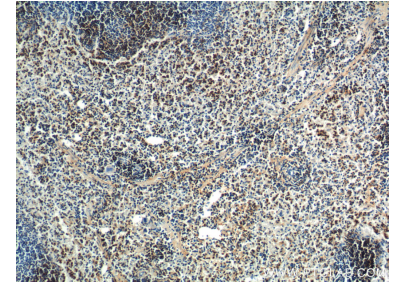
Selected Validation Data



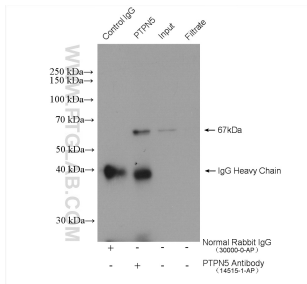
HL-60 cells were subjected to SDS PAGE followed by western blot with 14515-1-AP (PTPN5 antibody) at dilution of 1:100 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 14515-1-AP (PTPN5 Antibody) at dilution of 1:200 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 14515-1-AP (PTPN5 Antibody) at dilution of 1:200 (under 10x lens).



IP result of anti-PTPN5 (IP:14515-1-AP, 4ug;
Detection:14515-1-AP 1:1500) with mouse brain
tissue lysate 1840 ug.