

For Research Use Only

PTPN5 Polyclonal antibody

Catalog Number: 14515-1-AP

1 Publications



Basic Information

Catalog Number:

14515-1-AP

Size:

150ul, Concentration: 500 µg/ml by Nanodrop and 273 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5974

GenBank Accession Number:

BC064807

GeneID (NCBI):

84867

Full Name:

protein tyrosine phosphatase, non-receptor type 5 (striatum-enriched)

Calculated MW:

64 kDa

Observed MW:

46-50 kDa, 61-66 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IP 0.5-4.0 µg for IP and 1:500-1:3000

for WB

IHC 1:50-1:500

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

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

Positive Controls:

WB: HL-60 cells,

IP: mouse brain tissue,

IHC: mouse spleen tissue,

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

*** 20ul sizes contain 0.1% BSA

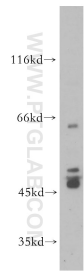
For technical support and original validation data for this product please contact:

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

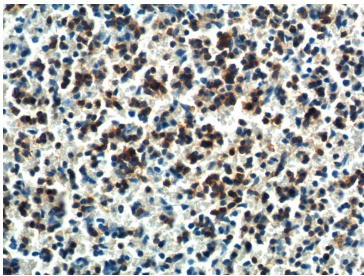
E: proteintech@ptglab.com
W: ptglab.com

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

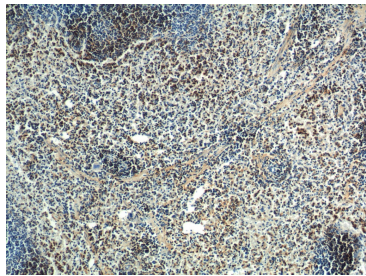
Selected Validation Data



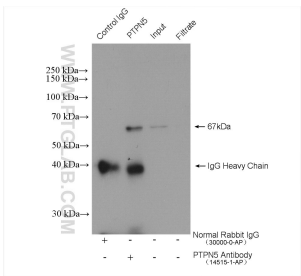
HL-60 cells were subjected to SDS PAGE followed by western blot with 14515-1-AP (PTPN5 antibody) at dilution of 1:100 incubated at room temperature for 1.5 hours.



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.