

For Research Use Only

PTPN2 Polyclonal antibody, PBS Only

Catalog Number: 11214-1-PBS

Featured Product



Basic Information

Catalog Number:

11214-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1709

GenBank Accession Number:

BC016727

GeneID (NCBI):

5771

UNIPROT ID:

P17706

Full Name:

protein tyrosine phosphatase, non-receptor type 2

Calculated MW:

49 kDa

Observed MW:

45-50 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, Indirect ELISA

Species Specificity:

human, mouse

Background Information

PTPN2 (Tyrosine-protein phosphatase non-receptor type 2) is also named as PTPT and belongs to the protein-tyrosine phosphatase family. It may modulate beta-cell apoptosis and/or local release of inflammatory mediators in the course of a viral infection by acting, at least in part, at the pancreatic beta-cell level (PMID: 19825843). This protein has some isoforms produced by alternative splicing with the molecular mass of 40-50 kDa.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

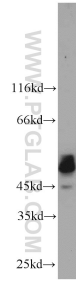
For technical support and original validation data for this product please contact:

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

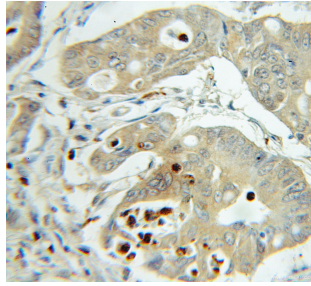
E: proteintech@ptglab.com
W: ptglab.com

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

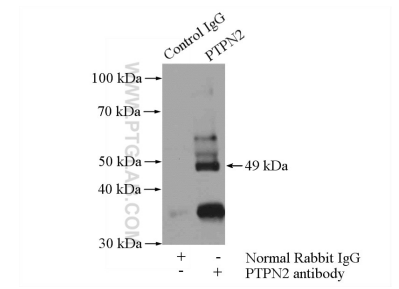
Selected Validation Data



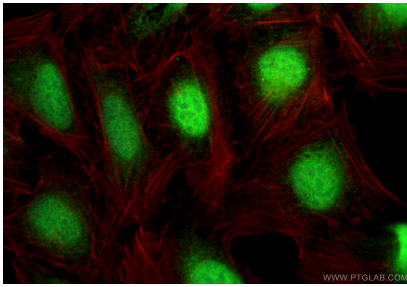
mouse thymus tissue were subjected to SDS PAGE followed by western blot with 11214-1-AP (PTPN2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 11214-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer using 11214-1-AP (PTPN2 antibody) at dilution of 1:50 (under 40x lens). This data was developed using the same antibody clone with 11214-1-PBS in a different storage buffer formulation.



IP result of anti-PTPN2 (IP:11214-1-AP, 4ug; Detection:11214-1-AP 1:500) with HL-60 cells lysate 4000ug. This data was developed using the same antibody clone with 11214-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using PTPN2 antibody (11214-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 11214-1-PBS in a different storage buffer formulation.