

For Research Use Only

PTPN2 Recombinant antibody

Catalog Number: 85915-1-RR



Basic Information

Catalog Number:

85915-1-RR

Concentration:

1000 µg/ml

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 kDa

Purification Method:

Protein A purification

CloneNo.:

250281G2

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : K-562 cells, HeLa cells, HepG2 cells, A549 cells, HL-60 cells, NIH/3T3 cells, mouse thymus tissue

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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

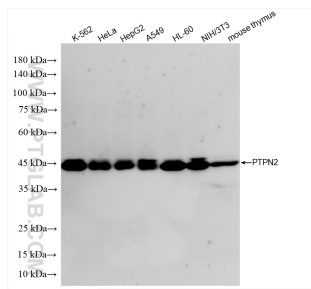
T: 4006900926

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



Various lysates were subjected to SDS PAGE followed by western blot with 85915-1-RR (PTPN2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.