

For Research Use Only

PTPN6/SHP1 Recombinant monoclonal antibody

Catalog Number:80670-2-RR



Basic Information

Catalog Number: 80670-2-RR	GenBank Accession Number: BC002523	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 5777	CloneNo.: 252458C5
Isotype: IgG	UNIPROT ID: P29350	Recommended Dilutions: WB: 1:5000-1:50000
Immunogen Catalog Number: AG21415	Full Name: protein tyrosine phosphatase, non-receptor type 6	
	Calculated MW: 597 aa, 68 kDa	
	Observed MW: 68 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HL-60 cells, Raji cells, THP-1 cells, Jurkat cells, mouse spleen tissue, rat spleen tissue
Species Specificity: human, mouse, rat	

Background Information

PTPN6(Tyrosine-protein phosphatase non-receptor type 6) is also named as HCP, PTP1C and belongs to the protein-tyrosine phosphatase family. It regulates muscle INS action in a cell-autonomous manner, further suggesting that the PTPase negatively modulates INS action through down-regulation of both INS signaling to AKT1 and SLC2A4 translocation, as well as SLC2A4 expression(PMID:21952243). It has 4 isoforms produced by alternative splicing.

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:

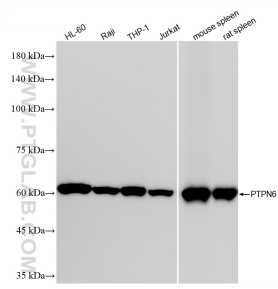
T: 4006900926

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 80670-2-RR (PTPN6 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.