

For Research Use Only

PTPN4 Polyclonal antibody

Catalog Number: 11131-1-AP



Basic Information

Catalog Number: 11131-1-AP	GenBank Accession Number: BC010674	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 5775	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	Full Name: protein tyrosine phosphatase, non-receptor type 4 (megakaryocyte)	
Isotype: IgG	Calculated MW: 106 kDa	
Immunogen Catalog Number: AG1585	Observed MW: 106 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : K-562 cells, SH-SY5Y cells
Species Specificity: human	

Background Information

PTPN4 is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This protein contains a C-terminal PTP domain and an N-terminal domain homologous to the band 4.1 superfamily of cytoskeletal-associated proteins. This PTP has been shown to interact with glutamate receptor delta 2 and epsilon subunits, and is thought to play a role in signalling downstream of the glutamate receptors through tyrosine dephosphorylation.

Storage

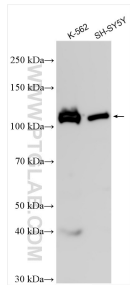
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11131-1-AP (PTPN4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.