

For Research Use Only

PTPN18 Recombinant antibody

Catalog Number: 83024-1-RR



Basic Information

Catalog Number: 83024-1-RR	GenBank Accession Number: BC052800	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 26469	CloneNo.: 230154G8
Source: Rabbit	UNIPROT ID: Q99952	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: protein tyrosine phosphatase, non-receptor type 18 (brain-derived)	
Immunogen Catalog Number: AG34048	Calculated MW: 460 aa, 50 kDa	
	Observed MW: 48 kDa	

Applications

Tested Applications:
WB, ELISA
Species Specificity:
Human

Positive Controls:
WB : HEK-293 cells, HepG2 cells, MCF-7 cells, T-47D cells

Background Information

PTPN18 (also called PTP-HSCF or BDP1), a member of the protein tyrosine phosphatase superfamily, has been reported to be a tumor suppressor in breast cancer by dephosphorylating HER2 and suppressing cell proliferation and invasion. In addition to the well-established role of PTPN18 in breast cancer, our previous study found that PTPN18 and CSK cooperate to inhibit the events triggered by SRC kinases. (PMID: 35982039)

Storage

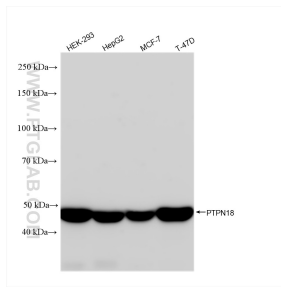
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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



Various lysates were subjected to SDS PAGE followed by western blot with 83024-1-RR (PTPN18 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.