

For Research Use Only

SHP2 Polyclonal antibody

Catalog Number: 24570-1-AP **2 Publications**



Basic Information

Catalog Number: 24570-1-AP	GenBank Accession Number: BC008692	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 450 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5781	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500 IF/ICC 1:300-1:1200
Source: Rabbit	UNIPROT ID: Q06124	
Isotype: IgG	Full Name: protein tyrosine phosphatase, non-receptor type 11	
Immunogen Catalog Number: AG21472	Calculated MW: 597 aa, 68 kDa	
	Observed MW: 68 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : HEK-293 cells, HeLa cells, MCF-7 cells, U-937 cells
Cited Applications: WB, IHC	IHC : human gliomas tissue, human skeletal muscle tissue
Species Specificity: human	IF/ICC : MCF-7 cells,
Cited Species: human, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Notable Publications

Author	Pubmed ID	Journal	Application
Minhui Hua	39071668	Heliyon	WB
Jingru Zhang	37332329	Oncol Lett	IHC

Storage

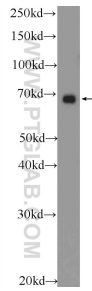
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

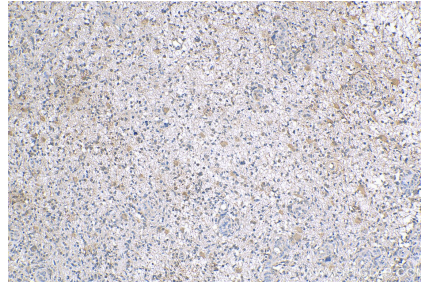
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

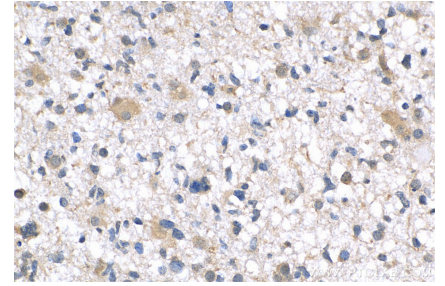
Selected Validation Data



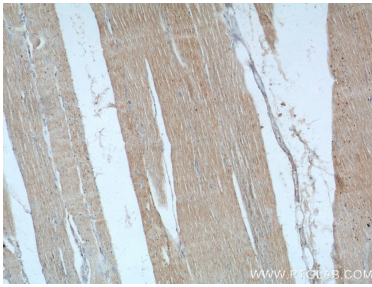
HEK-293 cells were subjected to SDS PAGE followed by western blot with 24570-1-AP (PTPN11 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



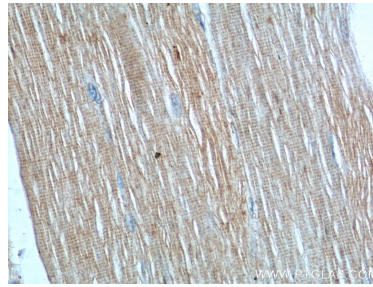
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 24570-1-AP (PTPN11 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



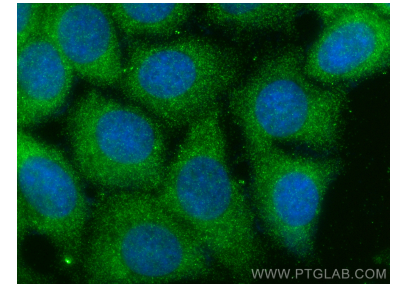
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 24570-1-AP (PTPN11 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue slide using 24570-1-AP (PTPN11 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue slide using 24570-1-AP (PTPN11 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using PTPN11/SHP2 antibody (24570-1-AP) at dilution of 1:600 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).