

For Research Use Only

# SHP2 Polyclonal antibody

Catalog Number: 24570-1-AP

2 Publications



## Basic Information

Catalog Number:

24570-1-AP

Size:

450 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21472

GenBank Accession Number:

BC008692

GeneID (NCBI):

5781

UNIPROT ID:

Q06124

Full Name:

protein tyrosine phosphatase, non-receptor type 11

Calculated MW:

597 aa, 68 kDa

Observed MW:

68 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

IF/ICC 1:300-1:1200

## Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human

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**

Positive Controls:

WB : HEK-293 cells, HeLa cells, MCF-7 cells, U-937 cells

IHC : human gliomas tissue, human skeletal muscle tissue

IF/ICC : MCF-7 cells,

## Background Information

### 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

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

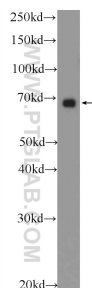
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

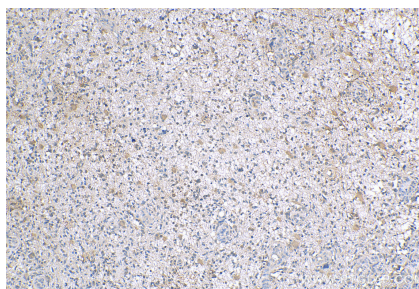
W: [ptgcn.com](http://ptgcn.com)

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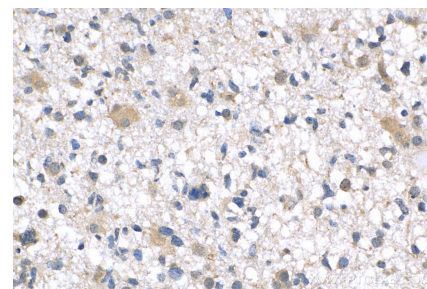
## Selected Validation Data



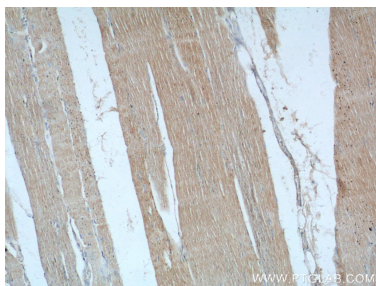
HEK-293 cells were subjected to SDS PAGE followed by western blot with 24570-1-AP (PTPN11 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



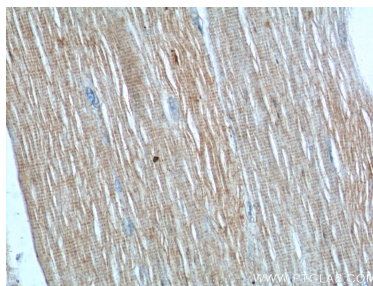
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 24570-1-AP (PTPN11 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



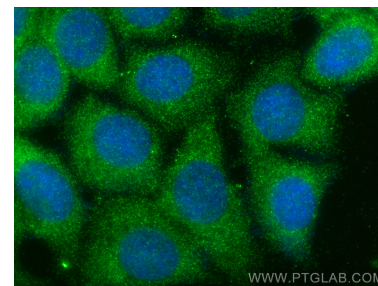
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 24570-1-AP (PTPN11 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).