

# Product Datasheet

## **SHP-2/PTPN11 Antibody - Azide and BSA Free H00005781-B02P**

Unit Size: 0.05 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00005781-B02P**

SHP-2/PTPN11 Antibody - Azide and BSA Free

Product Information	
Unit Size	0.05 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)

Product Description	
Description	Quality control test: Antibody reactive against mammalian transfected lysate.
Host	Mouse
Gene ID	5781
Gene Symbol	PTPN11
Species	Human
Specificity/Sensitivity	PTPN11 - protein tyrosine phosphatase, non-receptor type 11 (Noonan syndrome 1),
Immunogen	PTPN11 (AAH08692.1, 1 a.a. - 460 a.a.) full-length human protein. MTSRRWFHPNITGVEAENLLLTRGVDGSFLARPSKSNPGDFTLSVRRNGAVTH IKIQNTGDYYDLYGGEKFATLAELVQYYMEHHGQLKEKNGDVIELKYPLNCADP TSERWFHGHLSGKEAEKLLTEKGKHGSFLVRESQSHPGDFVLSVRTGDDKGE SNDGKSKVTHVMIRCQELKYDVGGGERFDSLTDLVEHYKKNPMVETLGTVLQL KQPLNTRINAAEIESRVRELSKLAETTDKVKQGFWEFETLQQQECKLLYSRK EGQRQENKNKNRYKNILPFDHTRVVLHDGDPNEPVSDYINANIIMPEFETKCNN SKPKKSYIATQGCLQNTVNDFWRMVFQENSRVIVMTTKEVERGKSKCVKYWP DEYALKEYGVMRVRNVKESAAHDYTLRELKLSKVGQGNTERTVWQYHFRTW PDHGVPSDPGGVLDFFLEEVHHKQESIMDAGPVVVHCR
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, Proximity Ligation Assay
Recommended Dilutions	Western Blot, Proximity Ligation Assay
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB and also on transfected lysate in WB. GST tag alone is used as a negative control.

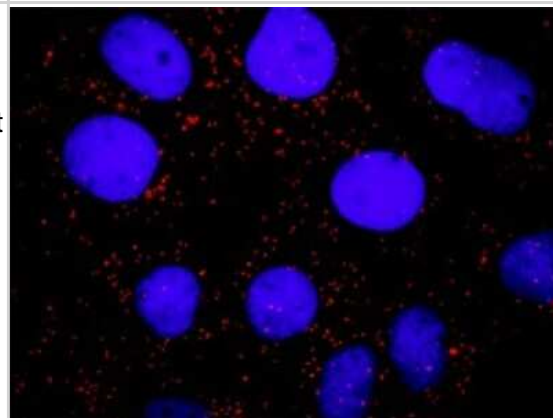


## Images

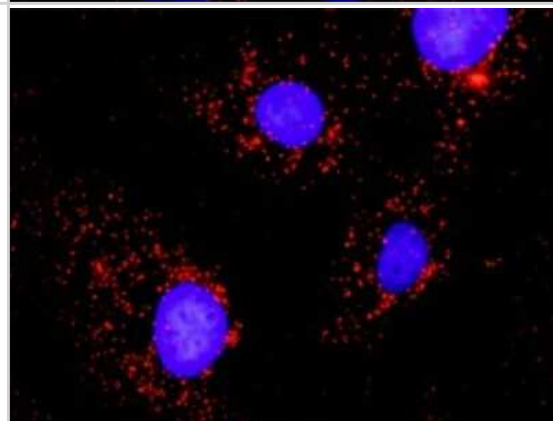
Western Blot: SHP-2/PTPN11 Antibody [H00005781-B02P] - Analysis of PTPN11 expression in transfected 293T cell line by PTPN11 polyclonal antibody. Lane 1: PTPN11 transfected lysate(50.6 KDa). Lane 2: Non-transfected lysate.



Proximity Ligation Assay: SHP-2/PTPN11 Antibody [H00005781-B02P] - Analysis of protein-protein interactions between FLT1 and PTPN11. Huh7 cells were stained with anti-FLT1 rabbit purified polyclonal 1:600 and anti-PTPN11 mouse purified polyclonal antibody 1:100. Each red dot represents the detection of protein-protein in



Proximity Ligation Assay: SHP-2/PTPN11 Antibody [H00005781-B02P] - Analysis of protein-protein interactions between CRKL and PTPN11. Mahlavu cells were stained with anti-CRKL rabbit purified polyclonal 1:600 and anti-PTPN11 mouse purified polyclonal antibody 1:100. Each red dot represents the detection of protein-protein



## Publications

Liu CH, Chen TC, Chau GY et al. An analysis of protein-protein interactions in cross-talk pathways reveals CRKL as a novel prognostic marker in hepatocellular carcinoma. Mol Cell Proteomics 2013-02-08 [PMID: 23397142]



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to H00005781-B02P**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97019-5mg	Mouse IgG Isotype Control
236-EG-200	EGF [Unconjugated]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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