

Product Datasheet

SHP-1 Antibody - BSA Free

NBP1-83276

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 1

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NBP1-83276

SHP-1 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

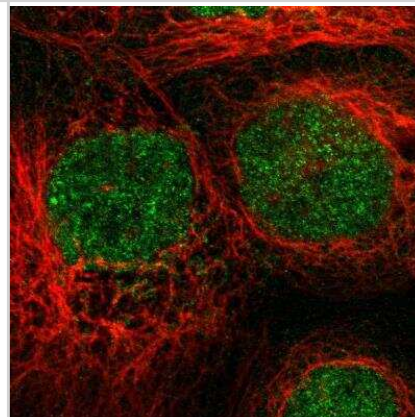
Product Description	
Description	Novus Biologicals Rabbit SHP-1 Antibody - BSA Free (NBP1-83276) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-SHP-1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5777
Gene Symbol	PTPN6
Species	Human, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: HAGPIIVHCSAGIGRTGTIIVIDMLMENISTKGLDCDIDIQKTIQMVRAQRSGMVQ TEAQYKFIYVAIAQFIETTKKKLEVLQSQKGQSEYGNITYPPAMKNAHAKASRT SSKHEDVYENLHTKNKREEKVKKQRSADKEKSKGSLK

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

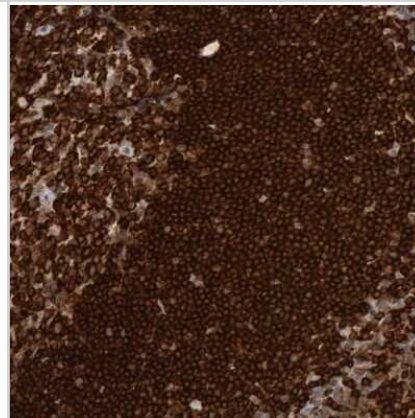


Images

Immunocytochemistry/Immunofluorescence: PTPN6 Antibody [NBP1-83276] - Staining of human cell line A-431 shows localization to nucleus. Antibody staining is shown in green.



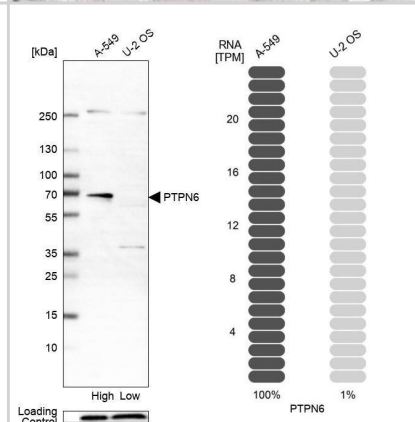
Immunohistochemistry-Paraffin: PTPN6 Antibody [NBP1-83276] - Staining of human tonsil shows high expression.



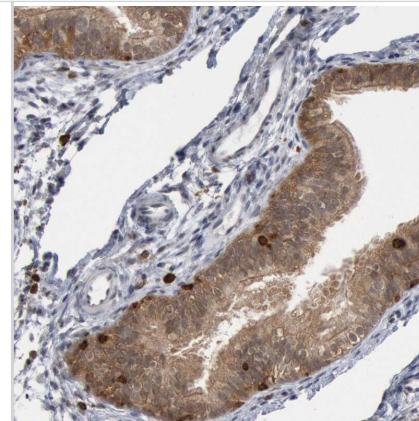
Immunohistochemistry-Paraffin: PTPN6 Antibody [NBP1-83276] - Staining of human skeletal muscle shows low expression as expected.



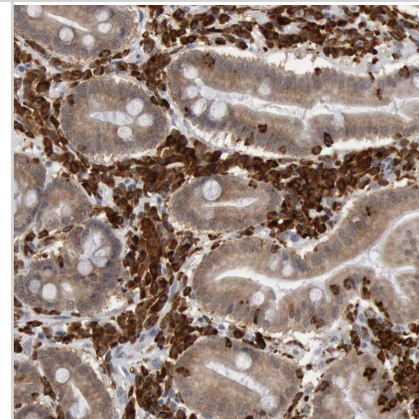
Analysis in human cell line A-549 and human cell line U-2 OS.



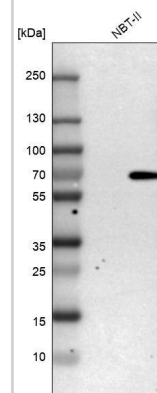
Staining of human fallopian tube shows moderate cytoplasmic positivity in glandular cells.



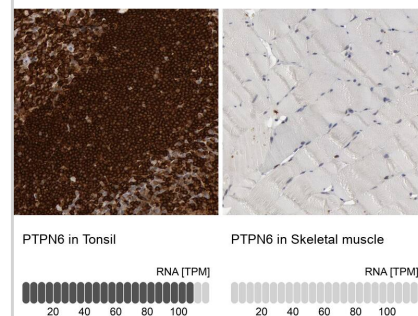
Staining of human duodenum shows strong cytoplasmic positivity in lymphoid cells.



Analysis in rat cell line NBT-II.



Analysis in human tonsil and skeletal muscle tissues using NBP1-83276 antibody. Corresponding PTPN6 RNA-seq data are presented for the same tissues.



Publications

McKenzie RC, Jones CL, Tosi I et al. Constitutive activation of STAT3 in Sezary syndrome is independent of SHP-1. *Leukemia* 2012-02-01 [PMID: 21818116]



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Products Related to NBP1-83276

NBP1-83276PEP	SHP-1 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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