

Product Datasheet

Plectin Antibody - BSA Free NBP1-84020

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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Updated 2/21/2025 v.20.1

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NBP1-84020

Plectin Antibody - BSA Free

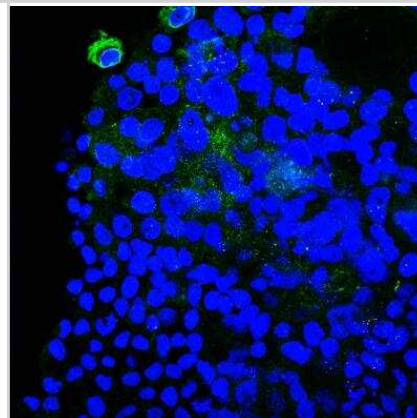
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	5339
Gene Symbol	PLEC
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (87%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LTGLSLLPLSEKAARARQEELYSELQARETFEKTTPVEVPVGGFKGRTVTVWELI SSEYFTAQRQELLRQFRTGKVTVEKVIKILIT

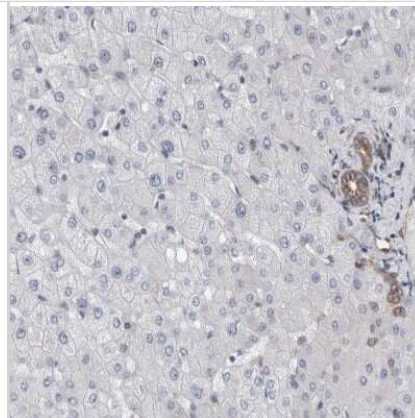
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

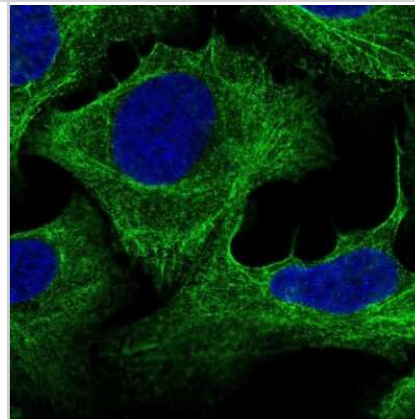
Immunocytochemistry/Immunofluorescence: Plectin Antibody [NBP1-84020] - Plectin antibody in indirect immunofluorescence staining of human tumor cells using a green-fluorescent secondary antibody. Nuclei stained with DAPI (blue). Image from verified customer review.



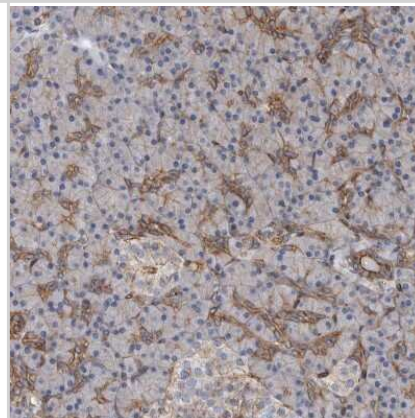
Immunohistochemistry-Paraffin: Plectin Antibody [NBP1-84020] - Staining of human liver shows no positivity in hepatocytes as expected.



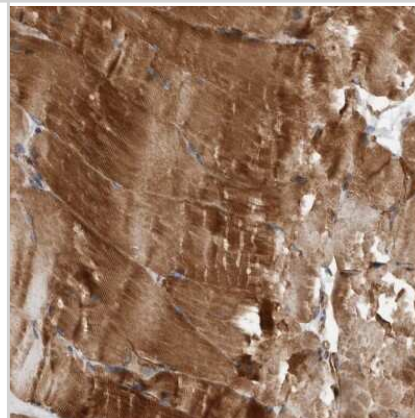
Immunocytochemistry/Immunofluorescence: Plectin Antibody [NBP1-84020] - Staining of human cell line U-2 OS shows localization to cytosol & intermediate filaments. Antibody staining is shown in green.



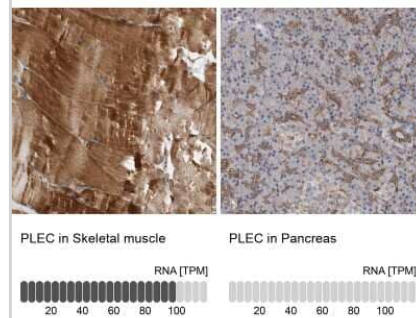
Immunohistochemistry-Paraffin: Plectin Antibody [NBP1-84020] - Staining of human pancreas shows low expression as expected.



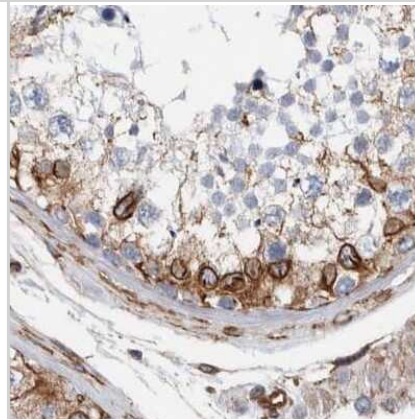
Immunohistochemistry-Paraffin: Plectin Antibody [NBP1-84020] - Staining of human skeletal muscle shows high expression.



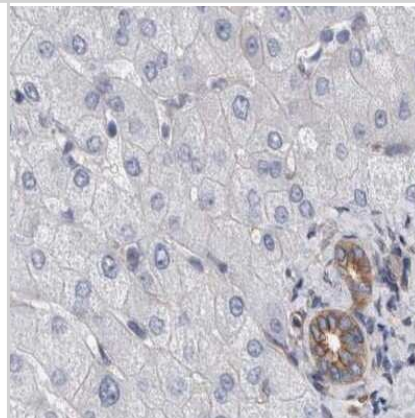
Immunohistochemistry-Paraffin: Plectin Antibody [NBP1-84020] - Staining in human skeletal muscle and pancreas tissues using anti-PLEC antibody. Corresponding PLEC RNA-seq data are presented for the same tissues.



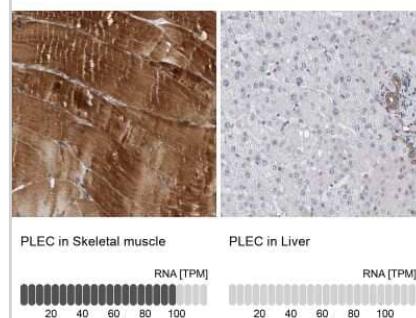
Immunohistochemistry-Paraffin: Plectin Antibody [NBP1-84020] - Staining of human testis.



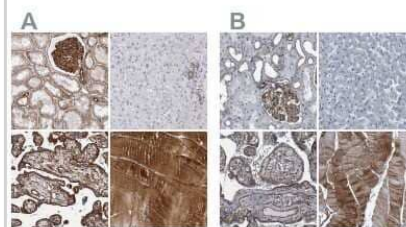
Immunohistochemistry-Paraffin: Plectin Antibody [NBP1-84020] - Staining of human liver.



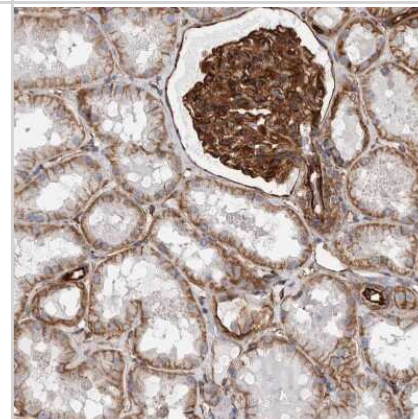
Immunohistochemistry-Paraffin: Plectin Antibody [NBP1-84020] - Analysis in human skeletal muscle and liver tissues. Corresponding Plectin RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: Plectin Antibody [NBP1-84020] - Staining of human kidney, liver, placenta and skeletal muscle using Anti-Plectin antibody NBP1-84020 (A) shows similar protein distribution across tissues to independent antibody NBP1-84019 (B).



Immunohistochemistry-Paraffin: Plectin Antibody [NBP1-84020] - Staining of human kidney shows strong membranous positivity in cells in glomeruli.





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Products Related to NBP1-84020

NBP1-84020PEP	Plectin Recombinant Protein Antigen
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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