

Product Datasheet

SUN1 Antibody - BSA Free NBP1-87395

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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NBP1-87395

SUN1 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

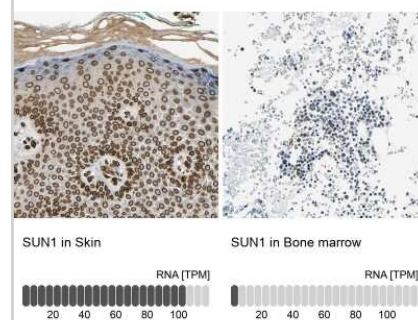
Product Description	
Description	Novus Biologicals Rabbit SUN1 Antibody - BSA Free (NBP1-87395) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-SUN1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	23353
Gene Symbol	SUN1
Species	Human
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 26356418).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: QGNFFSFLPVLNWASMHRTQRVDDPQDVFKPTTSRLKQPLQGDSEAFPWWH MSGVEQQVASLSGQCHHHGENLRELTLLQKLQARVDQMEGGAAGPSASVR DAVGQPPRETDFMAFHQEHEVRMSHLEDILGKLR

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	ICC/IF reported in scientific literature (PMID: 26356418). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

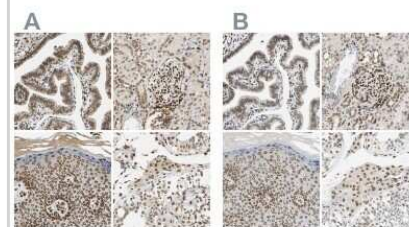


Images

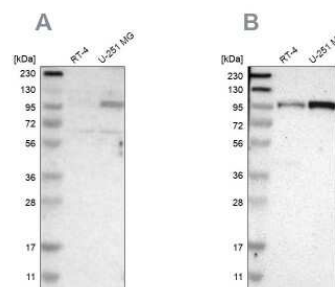
Immunohistochemistry-Paraffin: SUN1 Antibody [NBP1-87395] - Analysis in human skin and bone marrow tissues. Corresponding SUN1 RNA-seq data are presented for the same tissues.



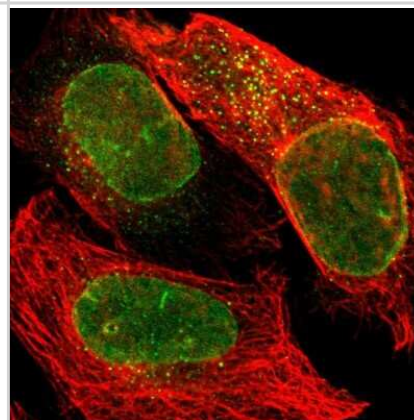
Immunohistochemistry-Paraffin: SUN1 Antibody [NBP1-87395] - Staining of human fallopian tube, kidney, skin and testis using Anti-SUN1 antibody NBP1-87395 (A) shows similar protein distribution across tissues to independent antibody NBP1-87396 (B).



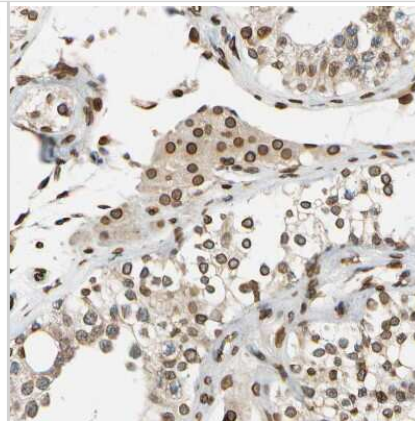
Western Blot: SUN1 Antibody [NBP1-87395] - Analysis using Anti-SUN1 antibody NBP1-87395 (A) shows similar pattern to independent antibody NBP1-87396 (B).



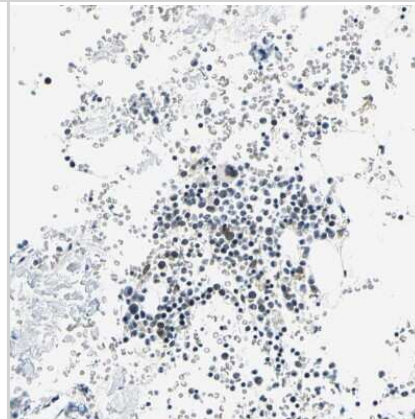
Immunocytochemistry/Immunofluorescence: SUN1 Antibody [NBP1-87395] - Immunofluorescent staining of human cell line U-2 OS shows localization to nuclear membrane & vesicles.



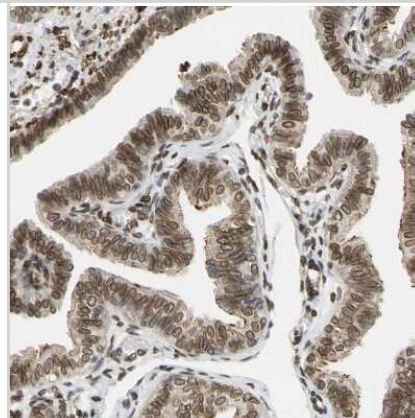
Immunohistochemistry-Paraffin: SUN1 Antibody [NBP1-87395] - Staining of human testis shows strong positivity in nuclear membrane in Leydig cells.



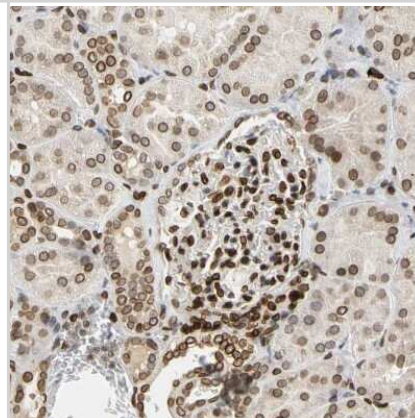
Immunohistochemistry-Paraffin: SUN1 Antibody [NBP1-87395] - Staining of human bone marrow shows low positivity in hematopoietic cells as expected.



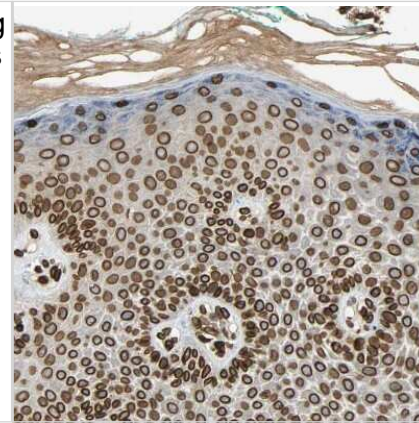
Immunohistochemistry-Paraffin: SUN1 Antibody [NBP1-87395] - Staining of human Fallopian tube shows moderate positivity in nuclear membrane in glandular cells.



Immunohistochemistry-Paraffin: SUN1 Antibody [NBP1-87395] - Staining of human kidney shows strong positivity in nuclear membrane in cells in glomeruli.



Immunohistochemistry-Paraffin: SUN1 Antibody [NBP1-87395] - Staining of human skin shows strong positivity in nuclear membrane in squamous epithelial cells.



Publications

Balafouti S, Kabouraki M, Zachos G et al. Tension-sensitive LINC-RhoA signaling prevents chromatin bridge breakage in cytokinesis *The EMBO Journal* 2025-09-09 [PMID: 40926124]

Chaumet A, Wright GD, Seet SH et al. Nuclear envelope-associated endosomes deliver surface proteins to the nucleus. *Nat Commun* 2015-09-10 [PMID: 26356418] (ICC/IF, Human)



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
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-87395

NBP1-87395PEP	SUN1 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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