

Product Datasheet

COL22A1 Antibody - BSA Free NBP1-91056

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-91056

Updated 12/2/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-91056



NBP1-91056

COL22A1 Antibody - BSA Free

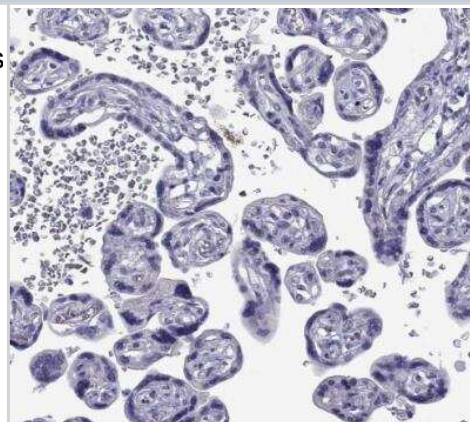
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit COL22A1 Antibody - BSA Free (NBP1-91056) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-COL22A1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	169044
Gene Symbol	COL22A1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LKEELEEEIASEPKSAHV FHV SDFNAIDKIRGKLRRLCENVLCPSVRVEGDRFK HTNGGTKEITGFDLMDLFSVKEILGKRENGAQSSYVRMG

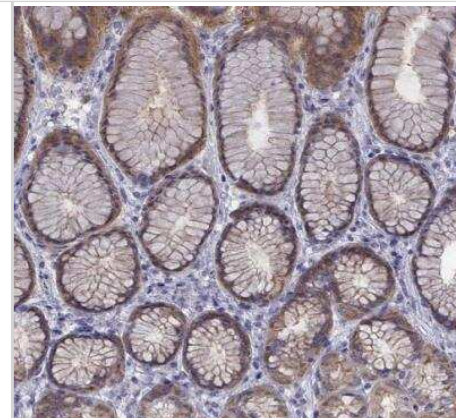
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot Reported in reported in scientific literature (PMID: 30678304), Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

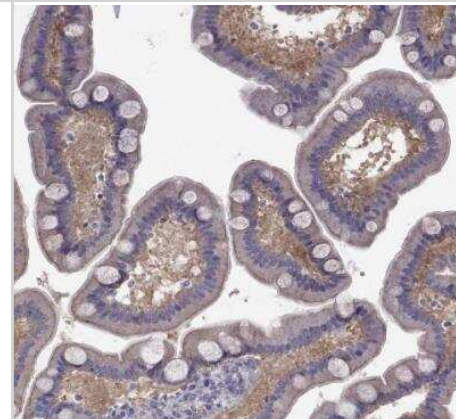
Immunohistochemistry-Paraffin: COL22A1 Antibody [NBP1-91056] - Staining of human placenta shows no expression in trophoblastic cells as expected.



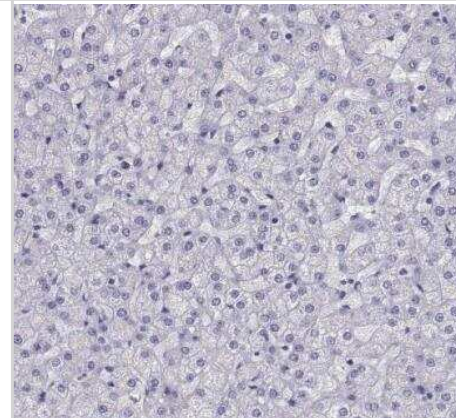
Immunohistochemistry-Paraffin: COL22A1 Antibody [NBP1-91056] - Staining of human stomach shows moderate cytoplasmic positivity in glandular cells.



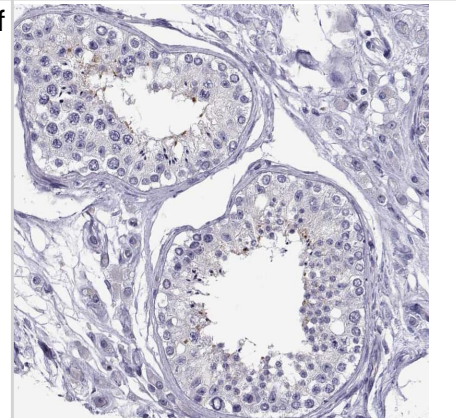
Immunohistochemistry-Paraffin: COL22A1 Antibody [NBP1-91056] - Staining of human small intestine shows moderate positivity in extracellular matrix of glandular cells.



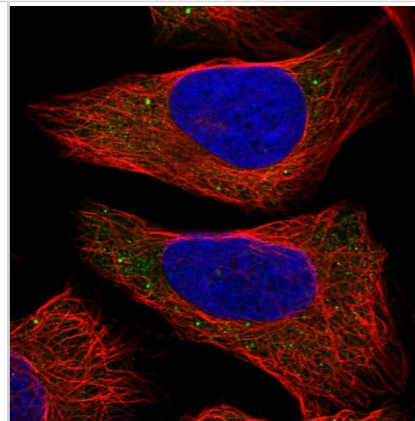
Immunohistochemistry-Paraffin: COL22A1 Antibody [NBP1-91056] - Staining of human liver shows no expression in hepatocytes as expected.



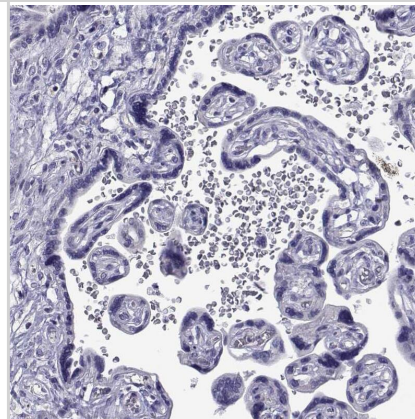
Staining of human testis shows weak cytoplasmic positivity in a subset of cells in seminiferous ducts.



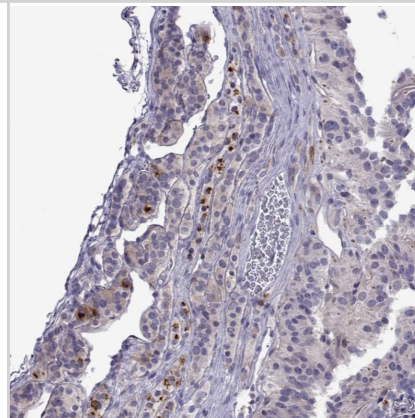
Staining of human cell line U-2 OS shows localization to vesicles.



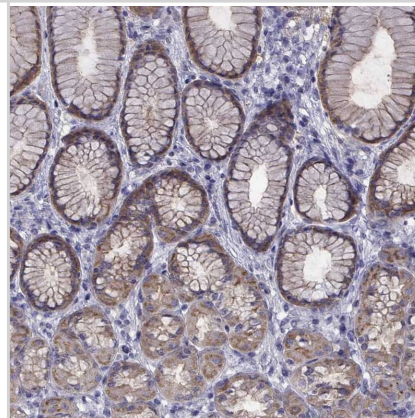
Staining of human placenta shows no positivity in trophoblastic cells as expected.



Staining of human pituitary gland shows moderate cytoplasmic positivity in a subset of glandular cells.



Staining of human stomach shows moderate cytoplasmic positivity in glandular cells.



Publications

Watanabe T, Frost DB, Mlakar L et al. A Human Skin Model Recapitulates Systemic Sclerosis Dermal Fibrosis and Identifies COL22A1 as a TGFbeta Early Response Gene that Mediates Fibroblast to Myfibroblast Transition Genes (Basel) 2019-01-22 [PMID: 30678304] (WB, 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 NBP1-91056

NBP1-91056PEP	COL22A1 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-91056

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

