

Product Datasheet

Collagen III alpha 1/COL3A1 Antibody - BSA Free NBP1-84007

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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NBP1-84007

Collagen III alpha 1/COL3A1 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), 40% Glycerol
Target Molecular Weight	139 kDa

Product Description

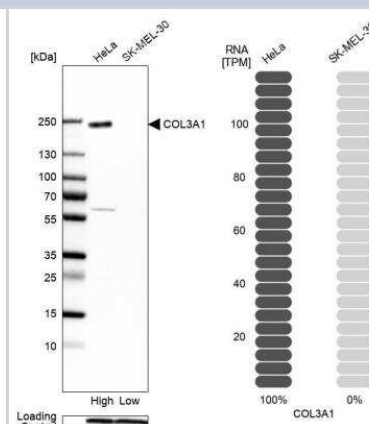
Host	Rabbit
Gene ID	1281
Gene Symbol	COL3A1
Species	Human
Immunogen	This Collagen III alpha 1/COL3A1 Antibody was developed against a recombinant protein corresponding to amino acids: RGERGSEGSPGHPGQPGPPGPPGAPGPCCGGVGAAAIAGIGGEKAGGFAPY YGDEPMDFKINTDEIMTSLKSVNGQIESLISPDGSRKNPARNCRDLKFCHPE

Product Application Details

Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/mL, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

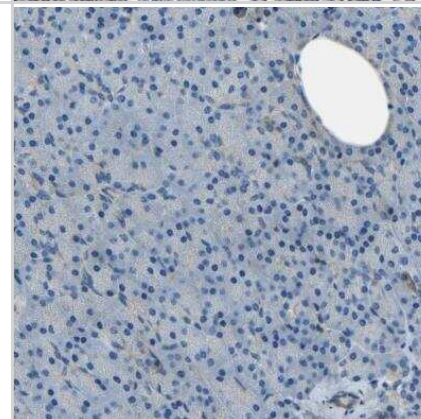
Western Blot: Collagen III alpha 1/COL3A1 Antibody [NBP1-84007] - Analysis in human cell lines HeLa and SK-MEL-30. Corresponding RNA-seq data are presented for the same cell lines. Loading control: Anti-COX4I1.



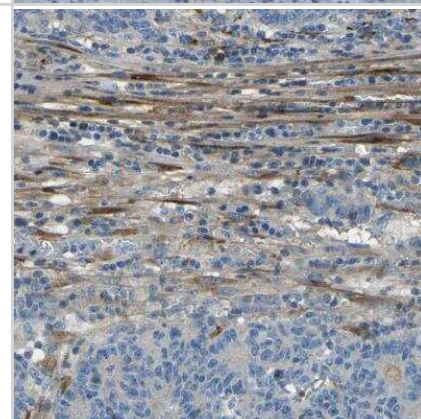
Immunohistochemistry-Paraffin: Collagen III alpha 1/COL3A1 Antibody [NBP1-84007] - Staining of human endometrium shows weak to moderate cytoplasmic positivity in stromal cells.



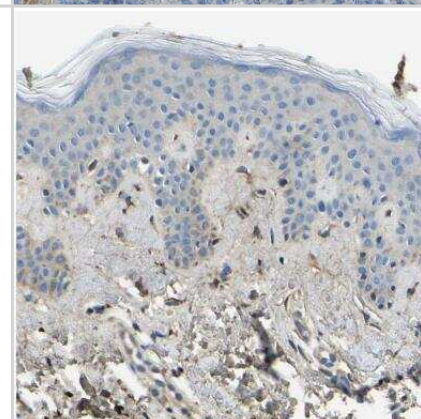
Immunohistochemistry-Paraffin: Collagen III alpha 1/COL3A1 Antibody [NBP1-84007] - Staining of human pancreas shows very weak positivity in exocrine glandular cells as expected.



Immunohistochemistry-Paraffin: Collagen III alpha 1/COL3A1 Antibody [NBP1-84007] - Staining of human colorectal cancer shows weak to moderate cytoplasmic positivity in stromal cells.



Immunohistochemistry-Paraffin: Collagen III alpha 1/COL3A1 Antibody [NBP1-84007] - Staining of human skin shows weak to moderate cytoplasmic positivity in fibroblasts.





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 NBP1-84007

NBP1-84007PEP	Collagen III alpha 1/COL3A1 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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