

Product Datasheet

HOP Antibody - BSA Free NBP1-92003

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 12/2/2025 v.20.1

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NBP1-92003

HOP Antibody - BSA Free

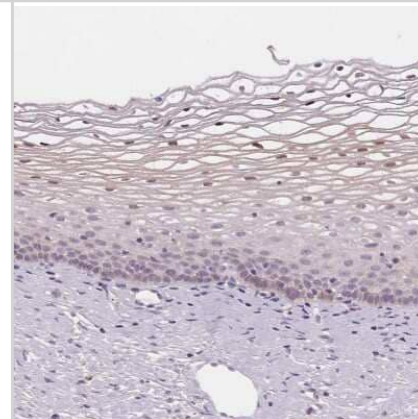
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit HOP Antibody - BSA Free (NBP1-92003) is a polyclonal antibody validated for use in IHC. Anti-HOP Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	84525
Gene Symbol	HOPX
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MLIFLGCYRRRLEERAGTMSAETASGPTEDQVEILEYNFNKVDKHPDSTTLCLI AAEAGLSEEETQKWFKQRLAKWRRSEGLPSECRSVTD

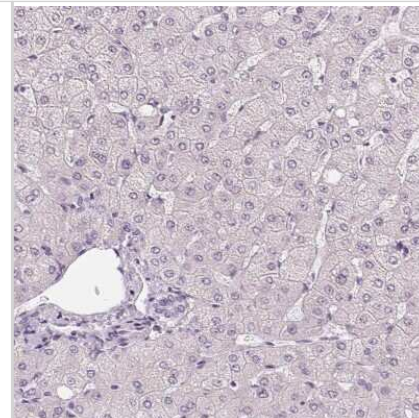
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:2500 - 1:5000, Immunohistochemistry-Paraffin 1:2500 - 1:5000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

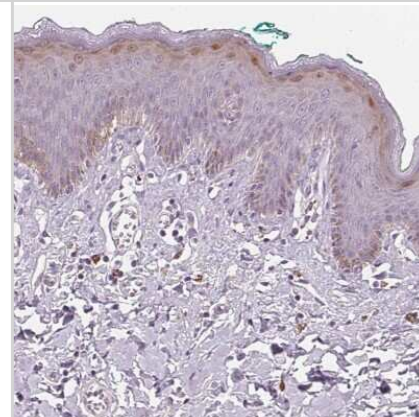
Immunohistochemistry-Paraffin: HOP Antibody [NBP1-92003] - Staining of human cervix, uterine shows moderate positivity in squamous epithelial cells.



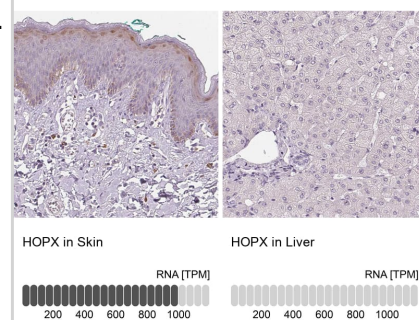
Immunohistochemistry-Paraffin: HOP Antibody [NBP1-92003] - Staining of human liver shows no positivity in hepatocytes as expected.



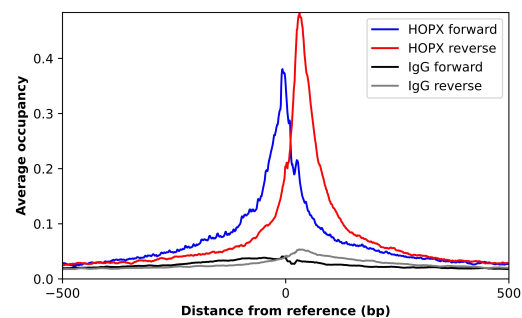
Immunohistochemistry-Paraffin: HOP Antibody [NBP1-92003] - Staining of human skin shows moderate positivity in stratum granulosum.



Analysis in human skin and liver tissues using NBP1-92003 antibody. Corresponding HOPX RNA-seq data are presented for the same tissues.



ChIP-Exo-Seq composite graph for Anti-HOPX (NBP1-92003) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.



Publications

Hagan A, Williams S, Mathison C et al. Triggering AHR resolves TGF- β 1 induced fibroblast activation and promotes AT1 cell regeneration in alveolar organoids Communications Biology 2025-07-09 [PMID: 40634525]

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. Nat Methods 2013-04-01 [PMID: 23435261]



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 NBP1-92003

NBP1-92003PEP	HOP 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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