

Product Datasheet

HNF-3 alpha/FoxA1 Antibody - BSA Free NBP2-38628

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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NBP2-38628

HNF-3 alpha/FoxA1 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

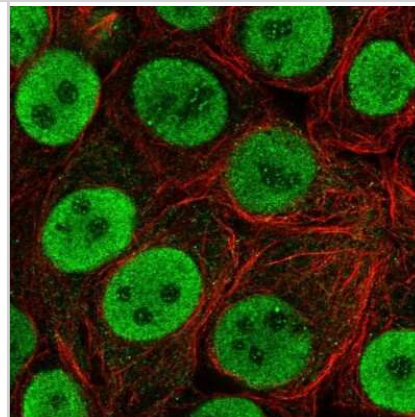
Product Description	
Description	Novus Biologicals Rabbit HNF-3 alpha/FoxA1 Antibody - BSA Free (NBP2-38628) is a polyclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3169
Gene Symbol	FOXA1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (82%).
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: QTLDHSGATATGGASELKTPASSTAPPISGPGALASVPASHPAHGLAPHESQ LHLKGDPHYSFNHP

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq
Recommended Dilutions	Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

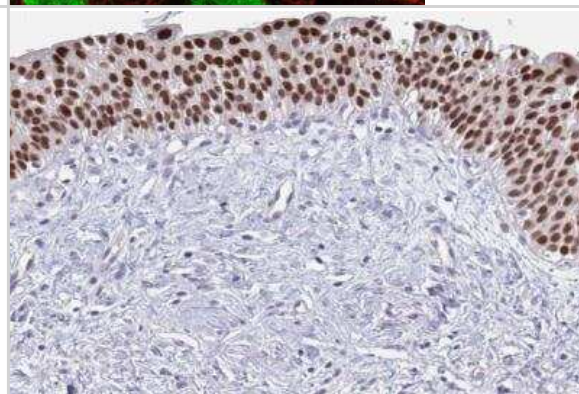


Images

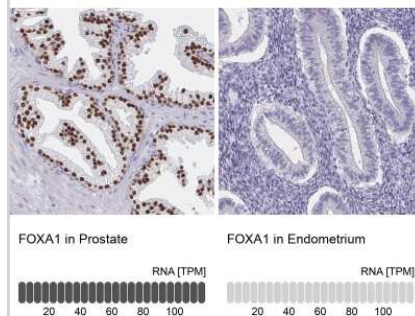
Immunocytochemistry/Immunofluorescence: HNF-3 alpha/FoxA1 Antibody [NBP2-38628] - Staining of human cell line MCF7 shows localization to nucleoplasm & nucleoli fibrillar center.



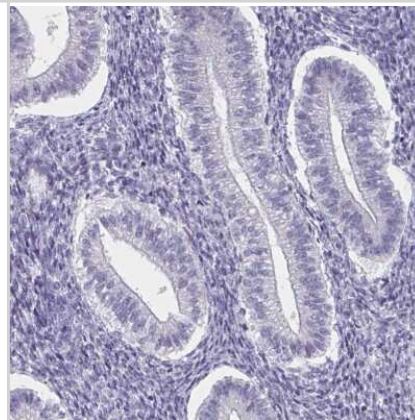
Immunohistochemistry-Paraffin: HNF-3 alpha/FoxA1 Antibody [NBP2-38628] - Staining of human urinary bladder shows strong nuclear positivity in urothelial cells.



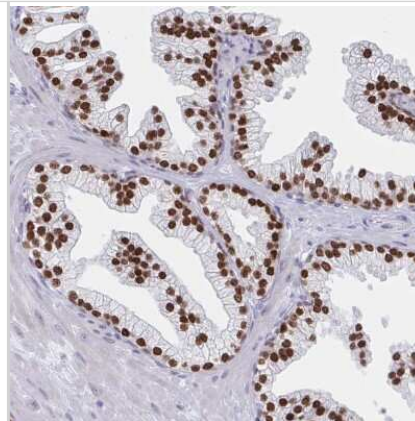
Immunohistochemistry-Paraffin: HNF-3 alpha/FoxA1 Antibody [NBP2-38628] - Analysis in human prostate and endometrium tissues. Corresponding HNF-3 alpha/FoxA1 RNA-seq data are presented for the same tissues.



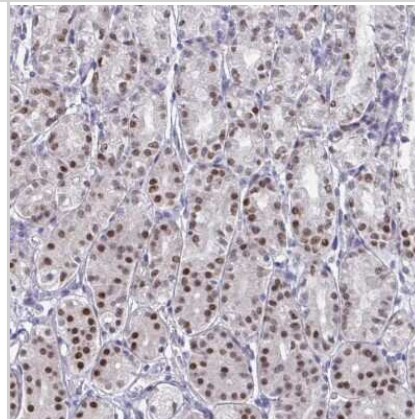
Immunohistochemistry-Paraffin: HNF-3 alpha/FoxA1 Antibody [NBP2-38628] - Staining of human endometrium shows no positivity in glandular cells as expected.



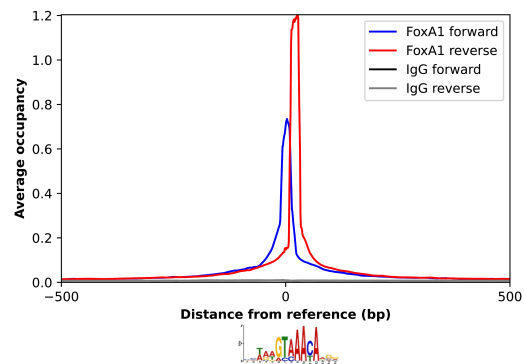
Immunohistochemistry-Paraffin: HNF-3 alpha/FoxA1 Antibody [NBP2-38628] - Staining of human prostate shows strong nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: HNF-3 alpha/FoxA1 Antibody [NBP2-38628] - Staining of human stomach shows moderate nuclear positivity in glandular cells.



ChIP-Exo-Seq composite graph for Anti-FOXA1 (NBP2-38628) tested in HepG2 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.





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 NBP2-38628

NBP2-38628PEP	HNF-3 alpha/FoxA1 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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