

Product Datasheet

DHX40 Antibody - BSA Free

NBP1-91834

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/NBP1-91834

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/NBP1-91834



NBP1-91834

DHX40 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

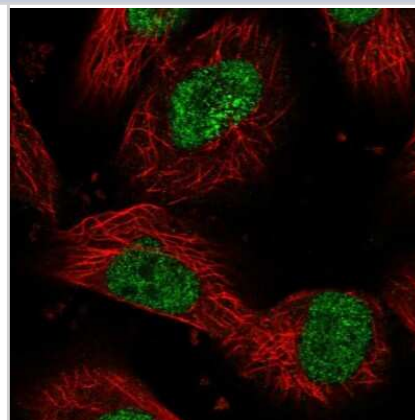
Description	Novus Biologicals Rabbit DHX40 Antibody - BSA Free (NBP1-91834) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-DHX40 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	79665
Gene Symbol	DHX40
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SVGRTFCTMDGRGSPVHIHPSSALHEQETKLEWIIIFHEVLVTTKVYARIVCPIRY EWRDLLPKLHEFNADLSSVARREVREDARRRWTNKENVKQLKDGISKDVL KKMQRRNDDKSISDARARF

Product Application Details

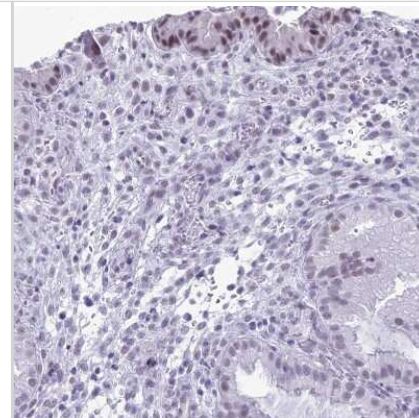
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

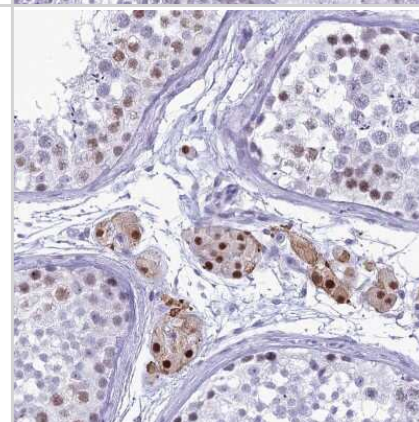
Immunocytochemistry/Immunofluorescence: DHX40 Antibody [NBP1-91834] - Staining of human cell line U-251 MG shows localization to nucleoplasm. Antibody staining is shown in green.



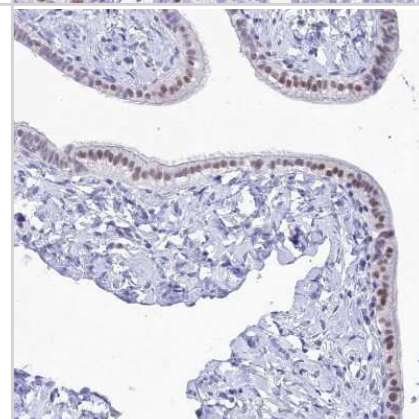
Immunohistochemistry-Paraffin: DHX40 Antibody [NBP1-91834] - Staining of human endometrium shows weak to moderate nuclear positivity in a subset of glandular cells.



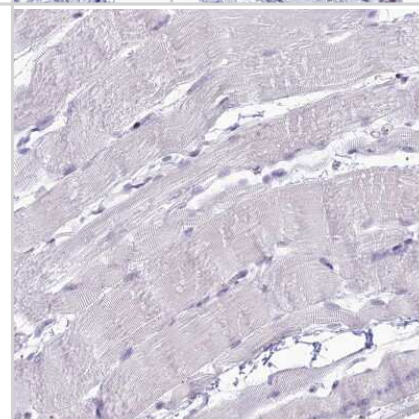
Immunohistochemistry-Paraffin: DHX40 Antibody [NBP1-91834] - Staining of human testis shows strong nuclear positivity in Leydig cells, as well as moderate positivity in cells in seminiferous tubules.



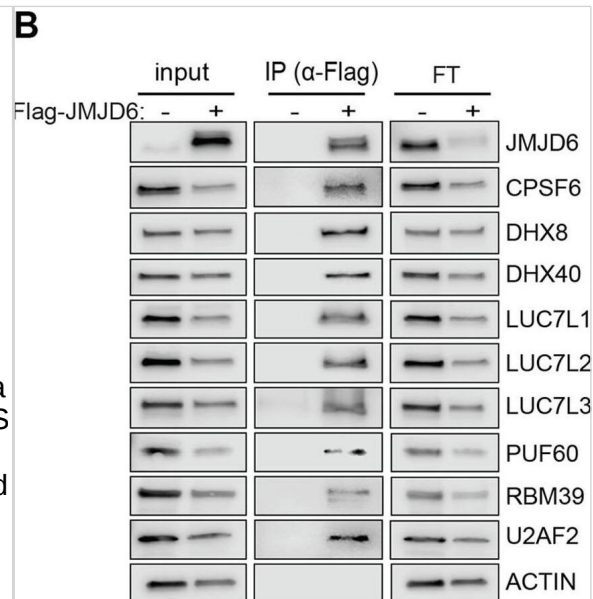
Immunohistochemistry-Paraffin: DHX40 Antibody [NBP1-91834] - Staining of human fallopian tube shows weak to moderate nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: DHX40 Antibody [NBP1-91834] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



JMJD6 forms an interaction network that consists of proteins involved in splicing and protein synthesis. (A) FLAG-tagged JMJD6 transduced into SK-N-AS cells for immunoprecipitation with anti-FLAG followed by protein identification by mass spectrometry. The interacting protein partners of JMJD6 are analyzed by STRING protein network. (B) Immunoprecipitation followed by western blot to validate the JMJD6-interacting partners in SK-N-AS cells. IP = immunoprecipitation, FT = flowthrough. n=single experiment. (C) Click-iT AHA labeling showing the newly synthesized proteins after overexpression of JMJD6 in SK-N-AS cells. n=single experiment. (D, E) Western blot showing the expression of GAC and KGA isoforms in SKNAS (D), BE2C (E), after U2AF2 and CPSF6 knockdown for 72 hr. n=single experiment. Figure 6—source data 1. Mass spectrometric analysis JMJD6 interactomes in BE2C and SKNAS cells. Mass spectrometric analysis JMJD6 interactomes in BE2C and SKNAS cells. The JMJD6 interactome in BE2C cells. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/38488852>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Carolyn M Jablonowski, Waise Quarni, Shivendra Singh, Haiyan Tan, Dhanushka Hewa Bostanthirige, Hongjian Jin, Jie Fang, Ti-Cheng Chang, David Finkelstein, Ji-Hoon Cho, Dongli Hu, Vishwajeeth Pagala, Sadie Miki Sakurada, Shondra M Pruett-Miller, Ruoning Wang, Andrew Murphy, Kevin Freeman, Junmin Peng, Andrew M Davidoff, Gang Wu, Jun Yang, Sean Lawler, Wafik S El-Deiry Metabolic reprogramming of cancer cells by JMJD6-mediated pre-mRNA splicing associated with therapeutic response to splicing inhibitor eLife 2024-03-15 [PMID: 38488852]



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 NBP1-91834

NBP1-91834PEP	DHX40 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.

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/NBP1-91834

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

