

Product Datasheet

HDAC1 Antibody - BSA Free

NBP1-83350

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/NBP1-83350

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/NBP1-83350



NBP1-83350

HDAC1 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
Target Molecular Weight	55 kDa

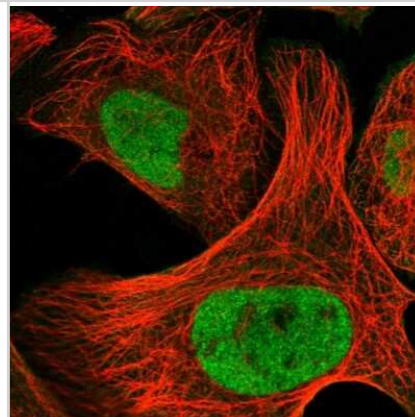
Product Description	
Description	Novus Biologicals Rabbit HDAC1 Antibody - BSA Free (NBP1-83350) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-HDAC1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3065
Gene Symbol	HDAC1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: RIACEEEFSDSEEEEGEGGRKNSSNFKKAKRVKTEDEKEKDPEEKKEVTEEEKT KEEKPEAKGVKE

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50-1:200, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.



Images

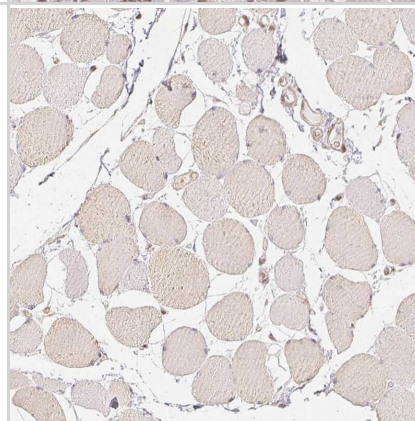
Immunocytochemistry/Immunofluorescence: HDAC1 Antibody [NBP1-83350] - Immunofluorescent staining of human cell line U-2 OS shows localization to nucleoplasm.



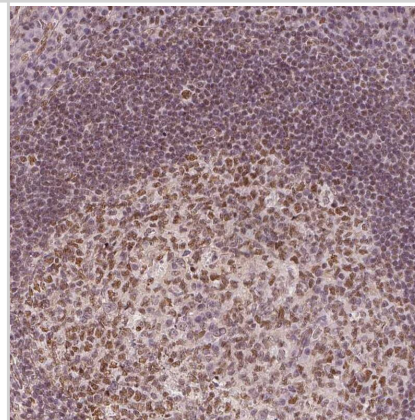
Staining of human small intestine shows moderate nuclear positivity in glandular cells.



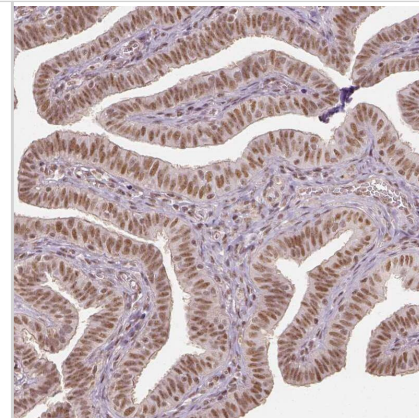
Staining of human skeletal muscle shows no positivity in myocytes as expected.



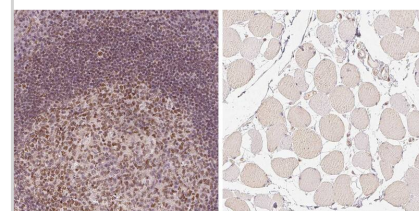
Staining of human tonsil shows moderate nuclear positivity in germinal center cells.



Staining of human fallopian tube shows moderate nuclear positivity in glandular cells.

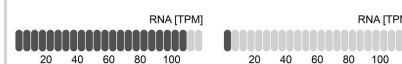


Analysis in human tonsil and skeletal muscle tissues using NBP1-83350 antibody. Corresponding HDAC1 RNA-seq data are presented for the same tissues.

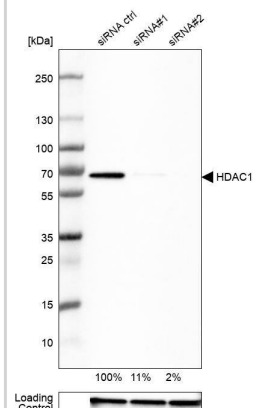


HDAC1 in Tonsil

HDAC1 in Skeletal muscle



Analysis in RT-4 cells) transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-HDAC1 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



Publications

Bartova E et al. Recruitment of Oct4 Protein to UV-Damaged Chromatin in Embryonic Stem Cells. PLoS One;6 (12):e27281. 2011-01-01 [PMID: 22164208]



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 NBP1-83350

NBP1-83350PEP	HDAC1 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/NBP1-83350

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

