

Product Datasheet

HDAC1 Antibody (CL0510) - Azide and BSA Free NBP3-44032

Unit Size: 100 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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NBP3-44032

HDAC1 Antibody (CL0510) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL0510
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

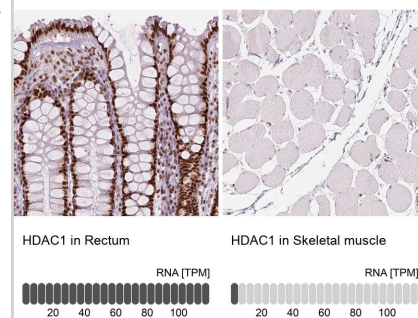
Product Description	
Description	Novus Biologicals Mouse HDAC1 Antibody (CL0510) - Azide and BSA Free (NBP2-52937) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3065
Gene Symbol	HDAC1
Species	Human, Mouse, Rat
Immunogen	This antibody was generated using a recombinant protein sequence of Q13547, with the exact immunogen sequence remaining proprietary.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. For Immunocytochemistry/ Immunofluorescence/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

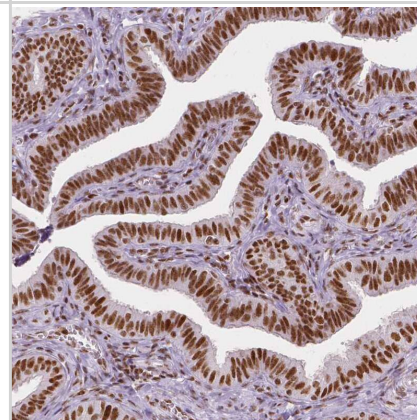


Images

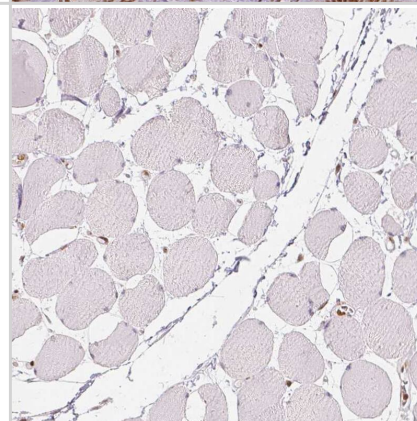
Analysis in human rectum and skeletal muscle tissues using NBP3-44032 antibody. Corresponding HDAC1 RNA-seq data are presented for the same tissues.



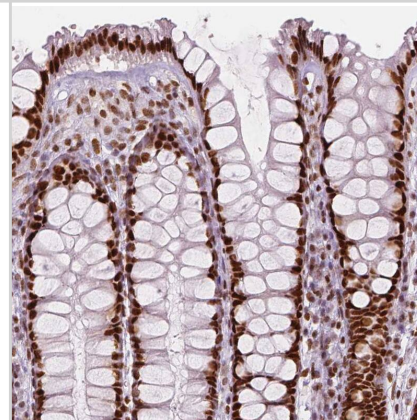
Staining of human fallopian tube shows strong nuclear positivity in glandular cells.



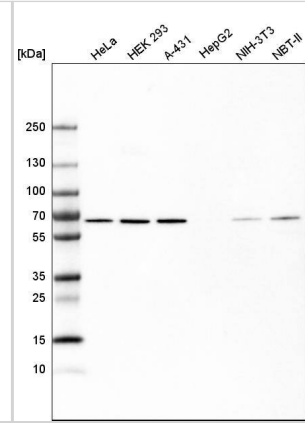
Staining of human skeletal muscle shows no positivity in myocytes as expected.



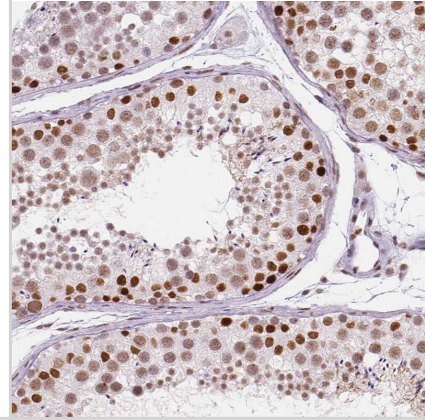
Staining of human rectum shows strong nuclear positivity in glandular cells.



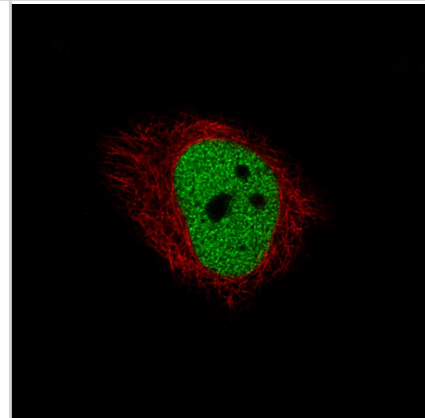
Analysis in human cell line HeLa, human cell line HEK 293, human cell line A-431, human cell line HepG2, mouse cell line NIH-3T3 and rat cell line NBT-II.



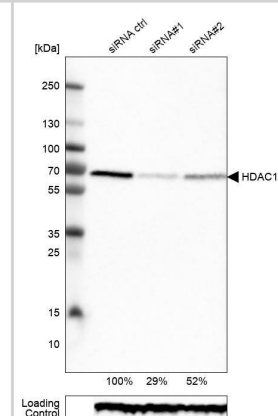
Staining of human testis shows moderate to strong nuclear positivity in cells in seminiferous ducts.



Staining of U-251 cells using the Anti-HDAC1 monoclonal antibody .



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.





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Products Related to NBP3-44032

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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