

Product Datasheet

HDAC1 Antibody (CL0510) - BSA Free NBP2-52937

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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NBP2-52937

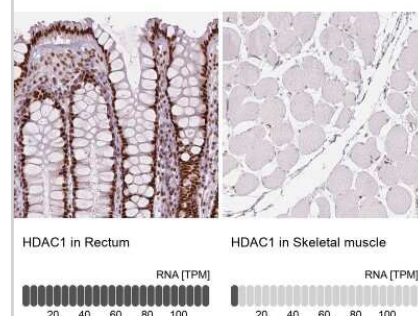
HDAC1 Antibody (CL0510) - BSA Free

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	Monoclonal
Clone	CL0510
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Description	Novus Biologicals Mouse HDAC1 Antibody (CL0510) - 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
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions
Immunogen	This antibody was developed using a recombinant protein derived from Q13547, with the exact immunogen sequence remaining proprietary.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. For ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

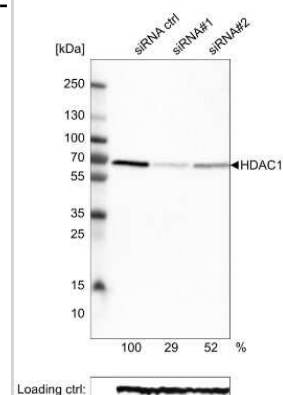


Images

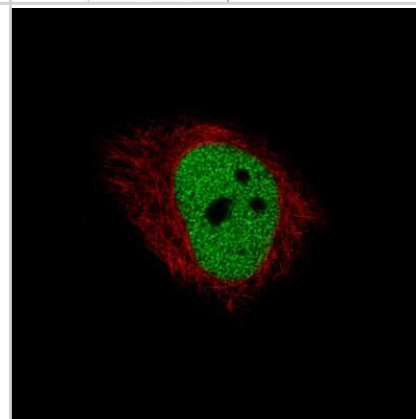
Immunohistochemistry-Paraffin: HDAC1 Antibody (CL0510) [NBP2-52937] - Analysis in human rectum and skeletal muscle tissues using NBP2-52937 antibody. Corresponding HDAC1 RNA-seq data are presented for the same tissues.



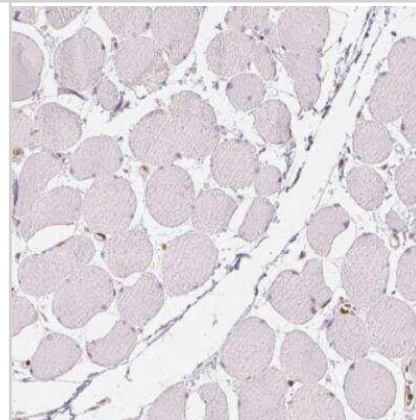
Western Blot: HDAC1 Antibody (CL0510) [NBP2-52937] - analysis in RT-4 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-HDAC1 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



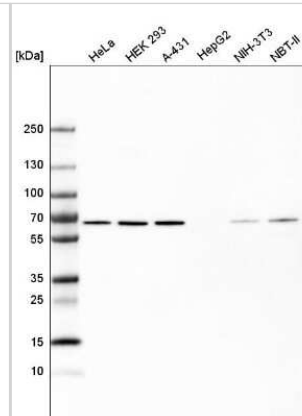
Immunocytochemistry/Immunofluorescence: HDAC1 Antibody (CL0510) [NBP2-52937] - Staining of U-251 cells using the Anti-HDAC1 monoclonal antibody, showing specific staining in the nucleoplasm in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



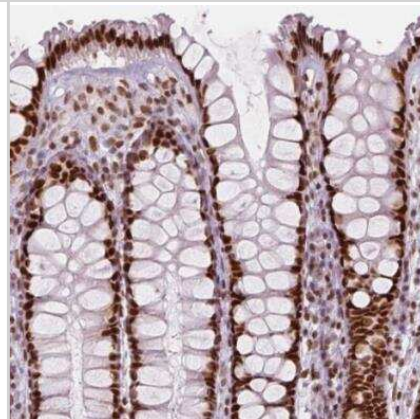
Immunohistochemistry-Paraffin: HDAC1 Antibody (CL0510) [NBP2-52937] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



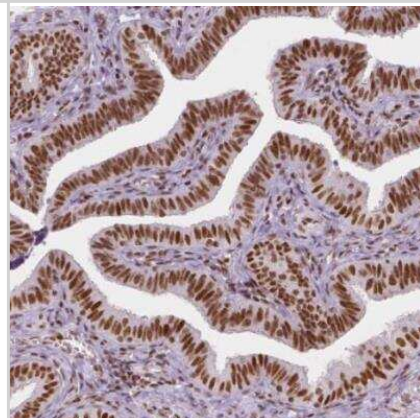
Western Blot: HDAC1 Antibody (CL0510) [NBP2-52937] - Analysis in human cell line HeLa, human cell line HEK 293, human cell line A-431, human cell line HepG2, mouse cell line NIH-3T3 and rat cell line NBT-II.



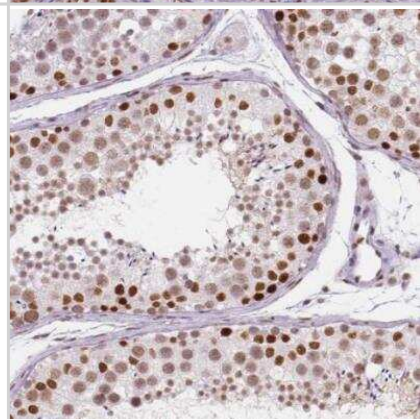
Immunohistochemistry-Paraffin: HDAC1 Antibody (CL0510) [NBP2-52937] - Staining of human rectum shows strong nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: HDAC1 Antibody (CL0510) [NBP2-52937] - Staining of human fallopian tube shows strong nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: HDAC1 Antibody (CL0510) [NBP2-52937] - Staining of human testis shows moderate to strong nuclear positivity in cells in seminiferous ducts.





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Products Related to NBP2-52937

NBP2-52937PEP	HDAC1 Recombinant Protein Antigen
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
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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