

# 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](http://www.novusbio.com)



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#### Publications: 1

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Updated 2/21/2025 v.20.1

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**NBP1-83350**

HDAC1 Antibody - BSA Free

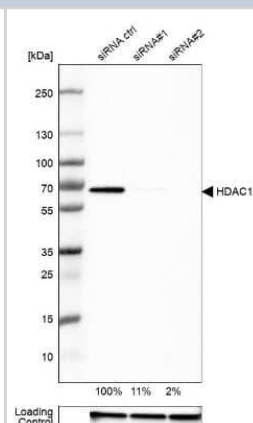
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	55 kDa

Product Description	
Host	Rabbit
Gene ID	3065
Gene Symbol	HDAC1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: RIACEEEFSDSEEEGEGGRKNSSNFKKAKRVKTEDEKEKDPEEKKEVTEEEKT KEEKPEAKGVKE

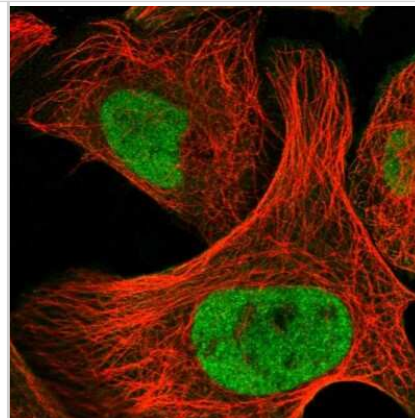
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 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**

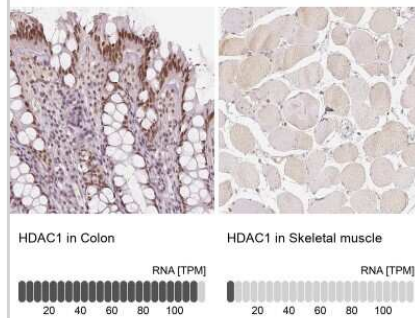
Western Blot: HDAC1 Antibody [NBP1-83350] - Analysis in RT-4 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-HDAC1 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



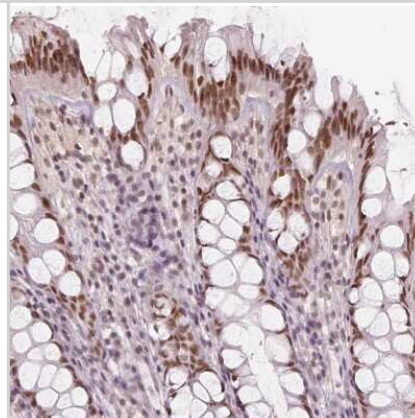
Immunocytochemistry/Immunofluorescence: HDAC1 Antibody [NBP1-83350] - Immunofluorescent staining of human cell line U-2 OS shows localization to nucleoplasm.



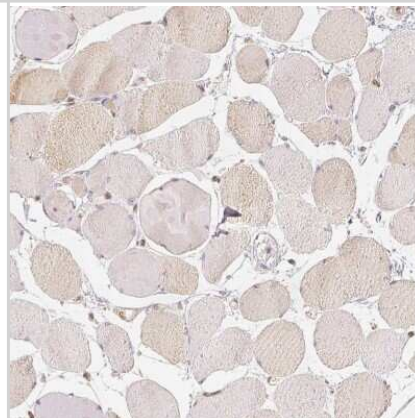
Immunohistochemistry-Paraffin: HDAC1 Antibody [NBP1-83350] - Staining in human colon and skeletal muscle tissues using anti-HDAC1 antibody. Corresponding HDAC1 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: HDAC1 Antibody [NBP1-83350] - Staining of human colon shows high expression.



Immunohistochemistry-Paraffin: HDAC1 Antibody [NBP1-83350] - Staining of human skeletal muscle shows low expression as expected.



## 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]



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### **Products Related to NBP1-83350**

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NBP1-83350PEP	HDAC1 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

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### **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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