

Product Datasheet

HDAC3 Antibody (C.15200145)

NBP2-59189

Unit Size: 50 ug

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-59189

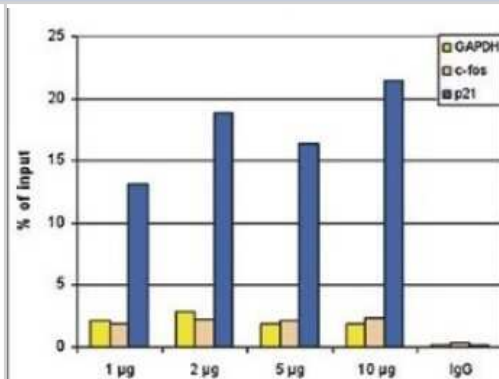
HDAC3 Antibody (C.15200145)

Product Information	
Unit Size	50 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	C.15200145
Preservative	0.05% Sodium Azide and 0.05% ProClin 300
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	8841
Gene Symbol	HDAC3
Species	Human
Immunogen	The exact immunogen is proprietary information.
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Immunocytochemistry/ Immunofluorescence 1:500, Chromatin Immunoprecipitation (ChIP) 2 ug/IP



Images

Chromatin Immunoprecipitation: HDAC3 Antibody (C.15200145) [NBP2-59189] - ChIP assays were performed using human HeLa cells, the antibody against HDAC3 and optimized PCR primer sets for qPCR. ChIP was performed with a ChIP kit, on sheared chromatin from 10,000 cells. A titration of the antibody consisting of 1, 2, 5, and 10 μ g per ChIP experiment was analysed. IgG (5 μ g/IP) was used as negative IP control. QPCR was performed with primers for the promoters of the active genes c-fos and GAPDH, and for the coding region of p21, a known target gene of HDAC3. Figure shows the recovery, expressed as a % of input (the relative amount of immunoprecipitated DNA compared to input DNA after qPCR analysis).



Immunofluorescence: HDAC3 Antibody (C.15200145) [NBP2-59189] - HeLa cells were stained with the antibody (left) diluted 1:500 in blocking solution followed by an anti-mouse antibody conjugated to Alexa Fluor 594. The middle panel shows staining of the nuclei with DAPI. A merge of the two stainings is shown on the right.





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

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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