

Product Datasheet

HDAC3 Antibody - BSA Free

NBP2-16791

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-16791

Updated 9/25/2025 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/NBP2-16791



NBP2-16791

HDAC3 Antibody - BSA Free

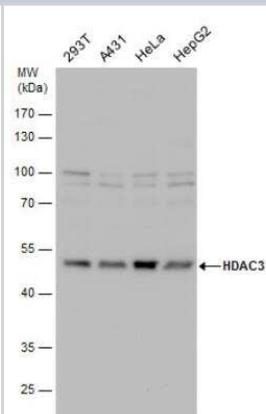
| Product Information | |
|--------------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.025% Proclin 300 |
| Isotype | IgG |
| Purity | Antigen Affinity-purified |
| Buffer | PBS, 20% Glycerol |
| Target Molecular Weight | 49 kDa |

| Product Description | |
|-------------------------|---|
| Description | Novus Biologicals Rabbit HDAC3 Antibody - BSA Free (NBP2-16791) is a polyclonal antibody validated for use in IHC, WB, ICC/IF, IP and ChIP. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Rabbit |
| Gene ID | 8841 |
| Gene Symbol | HDAC3 |
| Species | Human, Mouse, Rat, Zebrafish |
| Reactivity Notes | Zebrafish (89%). |
| Immunogen | Recombinant protein encompassing a sequence within the center region of human HDAC3. The exact sequence is proprietary. |

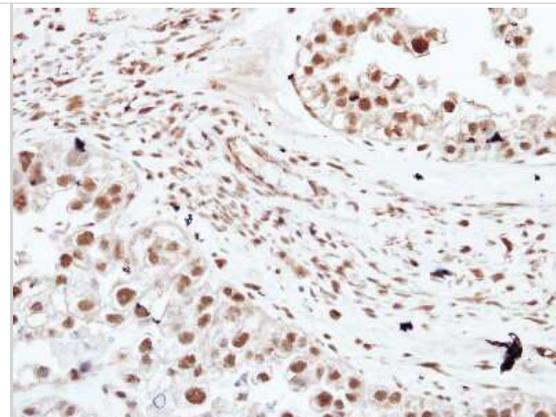
| Product Application Details | |
|------------------------------|---|
| Applications | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP) |
| Recommended Dilutions | Western Blot 1:500-1:3000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000, Chromatin Immunoprecipitation (ChIP) |

Images

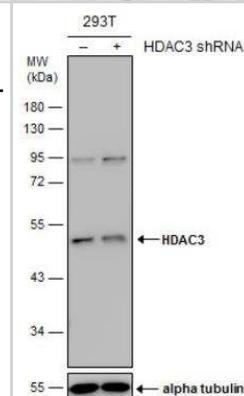
Western Blot: HDAC3 Antibody [NBP2-16791] - HDAC3 antibody detects HDAC3 protein by Western blot analysis. Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with HDAC3 antibody diluted by 1:1000.



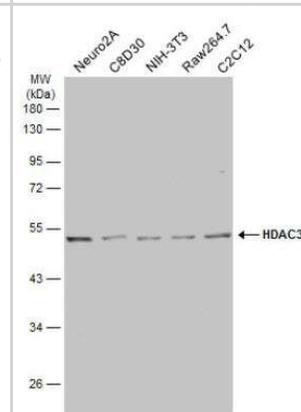
Immunohistochemistry-Paraffin: HDAC3 Antibody [NBP2-16791] - Immunohistochemical analysis of paraffin-embedded OVCA, using antibody at 1:250 dilution.



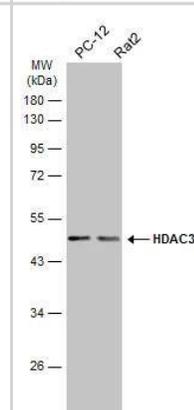
Western Blot: HDAC3 Antibody [NBP2-16791] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with HDAC3 antibody. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



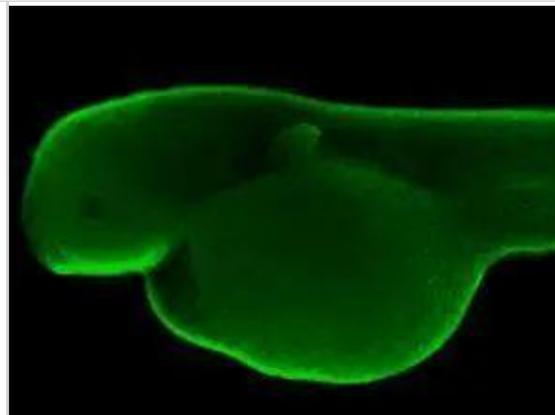
Western Blot: HDAC3 Antibody [NBP2-16791] - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with HDAC3 antibody diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



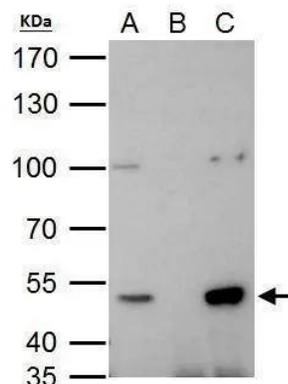
Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with HDAC3 antibody (NBP2-16791) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Immunohistochemical analysis (whole mount) of zebrafish embryo, using HDAC3 antibody (NBP2-16791) at 1:200 dilution.



HDAC3 antibody immunoprecipitates HDAC3 protein in IP experiments.
 IP Sample: 293T whole cell lysate/extract A. 40 ug 293T whole cell lysate/extract B. Control with 2 ug of preimmune rabbit IgG C.
 Immunoprecipitation of HDAC3 protein by 2 ug of HDAC3 antibody (NBP2-16791) 7.5% SDS-PAGE The immunoprecipitated HDAC3 protein was detected by HDAC3 antibody (NBP2-16791) diluted at 1:1000. EasyBlot anti-rabbit IgG was used as a secondary reagent.



Immunohistochemical analysis of paraffin-embedded zebrafish tissue, using HDAC3 antibody (NBP2-16791) at 1:300 dilution.



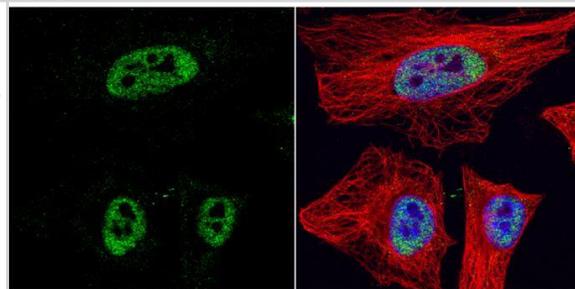
HDAC3 antibody detects HDAC3 protein at nucleus by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

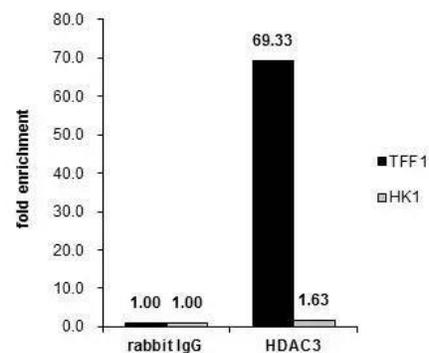
Green: HDAC3 protein stained by HDAC3 antibody (NBP2-16791) diluted at 1:1000.

Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] diluted at 1:1000.

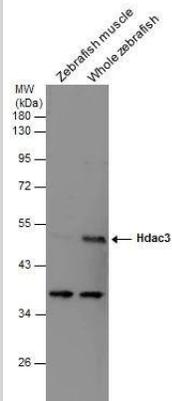
Blue: Hoechst 33342 staining.



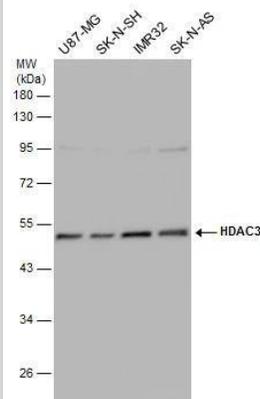
Cross-linked ChIP was performed with MCF-7 chromatin extract and 5 ug of either control rabbit IgG or anti-HDAC3 antibody. The precipitated DNA was detected by PCR with primer set targeting to TFF1 or HK1.



Various tissue extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with HDAC3 antibody (NBP2-16791) diluted at 1:500.



Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with HDAC3 antibody (NBP2-16791) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.





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 NBP2-16791

| | |
|-------------|---|
| 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/NBP2-16791

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

