

# Product Datasheet

## HDAC3 Antibody - BSA Free

### NBP2-16791

Unit Size: 0.1 ml

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

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Updated 2/23/2025 v.20.1

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**NBP2-16791**

HDAC3 Antibody - BSA Free

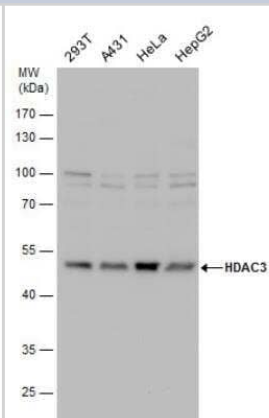
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.025% Proclin 300
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	PBS (pH 7), 20% Glycerol
<b>Target Molecular Weight</b>	49 kDa

Product Description	
<b>Host</b>	Rabbit
<b>Gene ID</b>	8841
<b>Gene Symbol</b>	HDAC3
<b>Species</b>	Human, Mouse, Rat, Zebrafish
<b>Reactivity Notes</b>	Zebrafish (89%).
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human HDAC3. The exact sequence is proprietary.

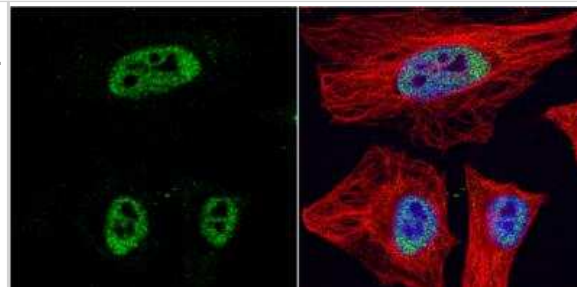
Product Application Details	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry, Immunocytochemistry/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

**Images**

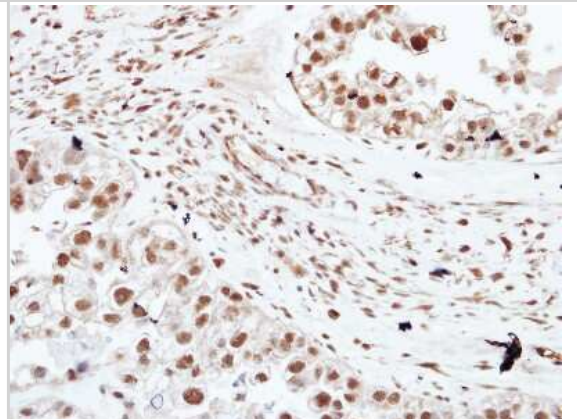
Western Blot: HDAC3 Antibody [NBP2-16791] - HDAC3 antibody detects HDAC3 protein by Western blot analysis. Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with HDAC3 antibody diluted by 1:1000.



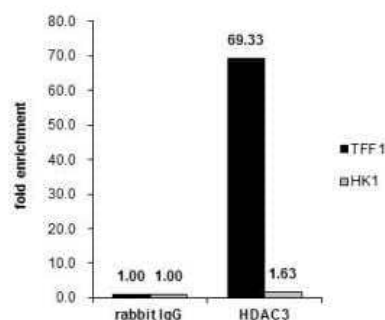
Immunocytochemistry/Immunofluorescence: HDAC3 Antibody [NBP2-16791] - HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: HDAC3 protein stained by HDAC3 antibody diluted at 1:1000. Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [114] diluted at 1:1000. Blue: Hoechst 33342 staining.



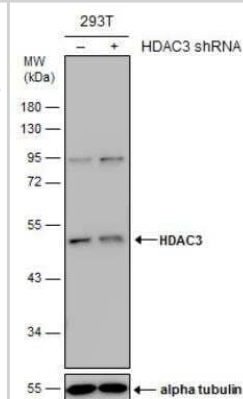
Immunohistochemistry-Paraffin: HDAC3 Antibody [NBP2-16791] - Immunohistochemical analysis of paraffin-embedded OVCA, using antibody at 1:250 dilution.



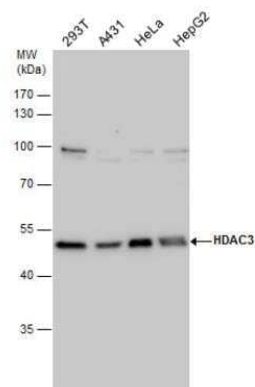
Chromatin Immunoprecipitation: HDAC3 Antibody [NBP2-16791] - Cross-linked ChIP was performed with MCF-7 chromatin extract and 5 ug of either control rabbit IgG or anti-HDAC3 antibody. The precipitated DNA was detected by PCR with primer set targeting to TFF1 or HK1.



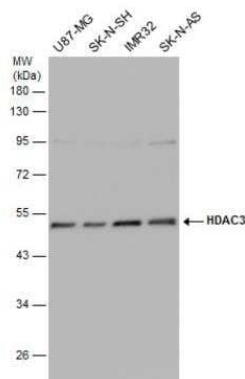
Western Blot: HDAC3 Antibody [NBP2-16791] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with HDAC3 antibody. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



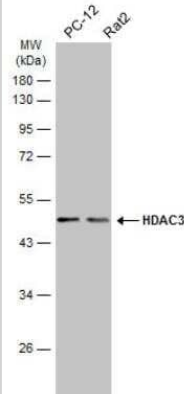
Western Blot: HDAC3 Antibody [NBP2-16791] - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with HDAC3 antibody diluted by 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



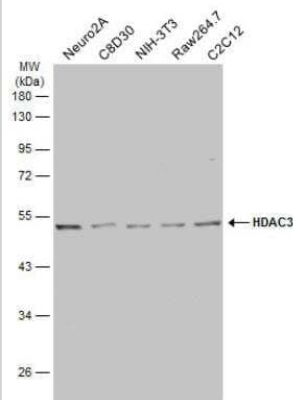
Western Blot: HDAC3 Antibody [NBP2-16791] - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with HDAC3 antibody diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



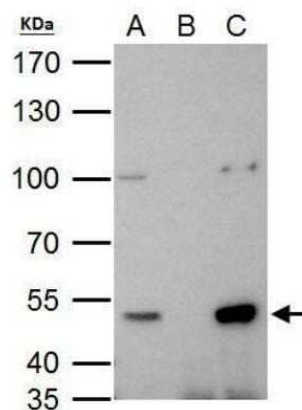
Western Blot: HDAC3 Antibody [NBP2-16791] - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with HDAC3 antibody diluted at 1:1000. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



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.



Immunoprecipitation: HDAC3 Antibody [NBP2-16791] - 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 7.5% SDS-PAGE The immunoprecipitated HDAC3 protein was detected by HDAC3 antibody diluted at 1:1000. EasyBlot anti-rabbit IgG was used as a secondary reagent.





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### **Products Related to NBP2-16791**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00008841-P01-10ug	Recombinant Human HDAC3 GST (N-Term) Protein

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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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