

Product Datasheet

Histone Deacetylase 4/HDAC4 Antibody - BSA Free NBP2-16793

Unit Size: 0.1 ml

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

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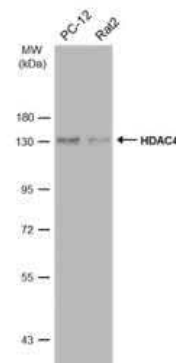
NBP2-16793**Histone Deacetylase 4/HDAC4 Antibody - BSA Free**

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 (pH 7), 20% Glycerol
Target Molecular Weight	119 kDa
Product Description	
Description	Novus Biologicals Rabbit Histone Deacetylase 4/HDAC4 Antibody - BSA Free (NBP2-16793) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-Histone Deacetylase 4/HDAC4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	9759
Gene Symbol	HDAC4
Species	Human, Mouse, Rat
Reactivity Notes	Chicken (85%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Histone Deacetylase 4/HDAC4. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, Knockdown Validated
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry-Frozen, Knockdown Validated
Application Notes	IHC-FR-Assay dependent

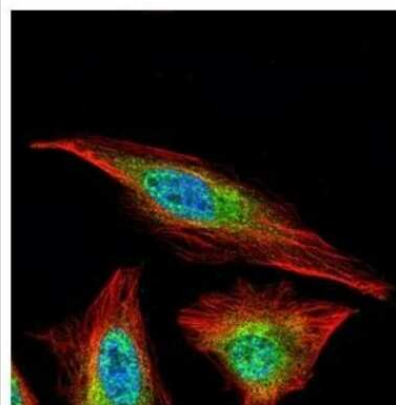


Images

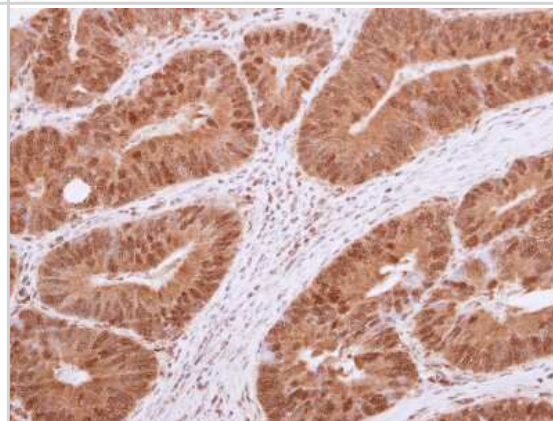
Western Blot: Histone Deacetylase 4/HDAC4 Antibody [NBP2-16793] - Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Histone Deacetylase 4/HDAC4 Antibody, Internal (NBP2-16793) diluted at 1:1000. An HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



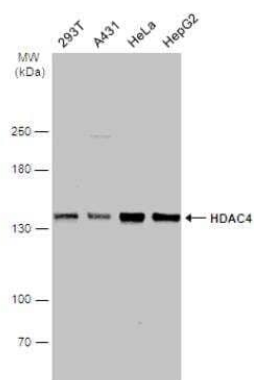
Immunocytochemistry/Immunofluorescence: Histone Deacetylase 4/HDAC4 Antibody [NBP2-16793] - Confocal immunofluorescence analysis of paraformaldehyde-fixed HeLa, using HDAC4 antibody (Green) at 1:500 dilution. Alpha-tubulin filaments are labeled with Alpha-tubulin antibody (Red) at 1:2000.



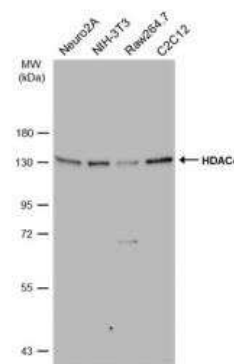
Immunohistochemistry-Paraffin: Histone Deacetylase 4/HDAC4 Antibody [NBP2-16793] - Human colon carcinoma, using HDAC4 antibody at 1:250 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



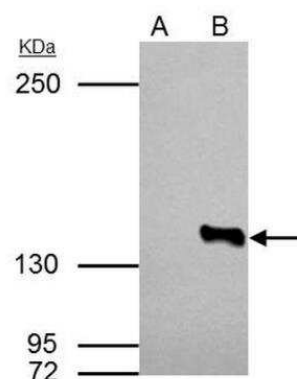
Western Blot: Histone Deacetylase 4/HDAC4 Antibody [NBP2-16793] - Various whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with HDAC4 antibody [N3C1], Internal diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



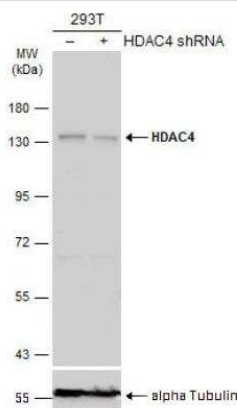
Western Blot: Histone Deacetylase 4/HDAC4 Antibody [NBP2-16793] - Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Histone Deacetylase 4/HDAC4 Antibody (NBP2-16793) diluted at 1:1000. An HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Immunoprecipitation: Histone Deacetylase 4/HDAC4 Antibody [NBP2-16793] - A. Control with 4 ug of preimmune Rabbit IgG. B. Immunoprecipitation of HDAC4 protein by 4 ug HDAC4 antibody [N3C1], Internal.



Western Blot: Histone Deacetylase 4/HDAC4 Antibody [NBP2-16793] - Non-transfected (-) and transfected (+) 293T whole cell extracts (60 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with diluted at 1:1000. An HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Publications

Sirchia SM, Faversani A, Rovina D et al. Epigenetic effects of chromatin remodeling agents on organotypic cultures Epigenomics 2016-03-01 [PMID: 26949823] (IHC-P, Human)



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Products Related to NBP2-16793

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00009759-P01-10ug	Recombinant Human Histone Deacetylase 4/HDAC4 GST (N-Term) Protein

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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