

Product Datasheet

HDAC7 Antibody NB100-2146

Unit Size: 0.05 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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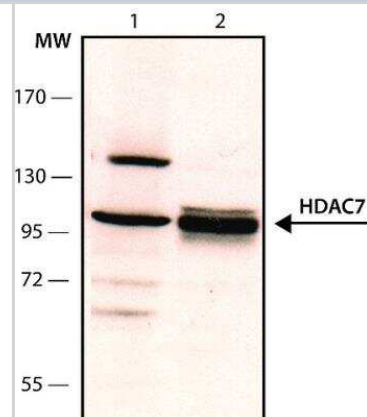
NB100-2146**HDAC7 Antibody**

Product Information	
Unit Size	0.05 ml
Concentration	Please see the 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	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	10mM PBS (pH 7.4) and 1.0% BSA
Target Molecular Weight	~105 kDa
Product Description	
Description	Novus Biologicals Rabbit HDAC7 Antibody (NB100-2146) is a polyclonal antibody validated for use in WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	51564
Gene Symbol	HDAC7
Species	Human, Mouse, Rat
Reactivity Notes	Cross-reacts with Human, Mouse and Rat. Not yet tested in other species.
Specificity/Sensitivity	Predicted molecular weight: 105 kDa. Additional bands may be detected in various extract preparations. Detection of HDAC7 is specifically inhibited with the immunizing peptide.
Immunogen	Synthetic peptide corresponding to amino acids 357-373 of Human HDAC7 (RSEPLPPSATAPPPGP) conjugated to KLH. The corresponding sequence is identical in mouse.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence 1:50, Immunoprecipitation 1.0 - 1.5 ug
Application Notes	IF: Use normal rat kidney (NRK) cells. Immunoprecipitates HDAC7 from a RIPA extract of 293T cells expressing recombinant human HDAC7. WB: Use at a dilution using whole extracts of mouse NIH-3T3 cells. Optimal dilutions/concentrations should be determined by the end user.

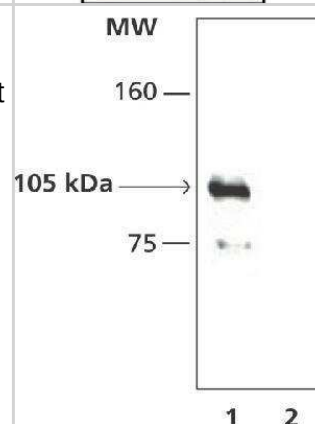


Images

Western Blot: HDAC7 Antibody [NB100-2146] - Cell line lysates were separated on SDS-PAGE and probed with 1:500 Rabbit Anti-Histone Deacetylase 7 (HDAC7) (KG-17). The antibody was developed using Goat Anti-Rabbit IgG-Peroxidase) and a chemiluminescent substrate. Lanes: 1. HeLa nuclear 2. NIH-3T3



Immunoprecipitation: HDAC7 Antibody [NB100-2146] - Immunoprecipitation HDAC7 was immunoprecipitated from whole cell extract of human HEK 293T cells expressing HDAC7-FLAG using Rabbit Anti-HDAC7 (KG-17) antibody (NB100-2146). The IP samples were separated on SDS-PAGE and blotted with Rabbit Anti-FLAG antibody. The antibody was developed with Goat anti-Rabbit IgG, Peroxidase conjugate and chemiluminescent substrate. Lane 1: 1.8 ug Antibody immunoprecipitates HDAC7 from a RIPA extract of 180 ug of 293T cells expressing HDAC7-FLAG. Lane 2: negative control (extract without antibody).





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Products Related to NB100-2146

NB800-PC8	NIH 3T3 Whole Cell Lysate
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.

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