Product Datasheet

HDAC3 Antibody
NB100-79798

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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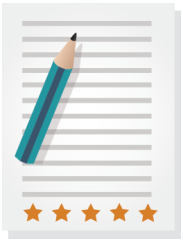


NB100-79798

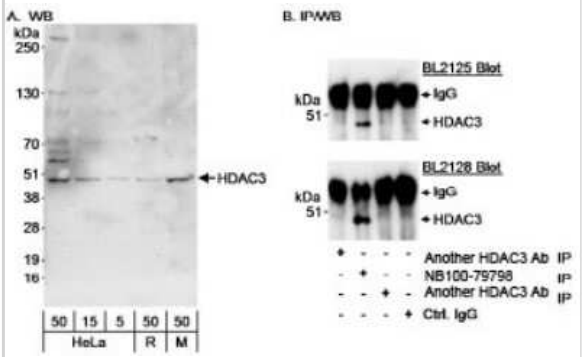
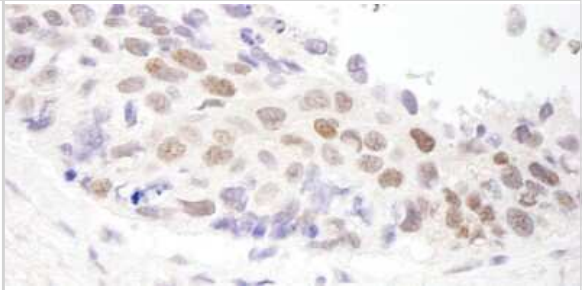
HDAC3 Antibody

Product Information	
Unit Size	0.1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS and 0.1% BSA

Product Description	
Host	Rabbit
Gene ID	8841
Gene Symbol	HDAC3
Species	Human, Mouse
Reactivity Notes	Orangutan (100%).
Immunogen	The immunogen recognized by this antibody maps to a region between residue 375 and the C-terminus (residue 428) of human Histone Deacetylase 3 using the numbering given in Swiss-Prot entry O15379 (GeneID 8841).

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:5000-1:15000, Immunohistochemistry 1:10-1:500, Immunoprecipitation 2-5 ug/mg lysate, Immunohistochemistry-Paraffin 1:100-1:500
Application Notes	Epitope retrieval with Tris-EDTA pH9.0 is recommended for FFPE tissue sections.

Images

Western Blot: HDAC3 Antibody [NB100-79798] - A) Whole cell lysate (WCL) from HeLa (5, 15 and 50 mcg), Ramos (R; 50 mcg) and mouse NIH3T3 (M; 50 mcg) cells. B) WCL (1 mg for IP; 1/4 of IP reaction/gel) from HeLa cells. Antibodies: Affinity purified rabbit anti-HDAC3 Antibody NB100-79798 used at 0.02 mcg/ml for WB (A) and at 3 mcg/mg lysate for IP (B).	
Immunohistochemistry-Paraffin: HDAC3 Antibody [NB100-79798] - Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-HDAC3 used at a dilution of 1:200 (1ug/ml). Detection: DAB	

Publications

Hilton T, Gross MK, Kioussi C et al. Pitx2-dependent occupancy by histone deacetylases is associated with T-box gene regulation in mammalian abdominal tissue. J Biol Chem 2010-04-01 [PMID: 20129917]

Ishii S, Kurasawa Y, Wong J et al. Histone deacetylase 3 localizes to the mitotic spindle and is required for kinetochore-microtubule attachment. Proc Natl Acad Sci U S A 2008-03-01 [PMID: 18326024]

Inoue S, Mai A, Dyer MJ et al. Inhibition of histone deacetylase class I but not class II is critical for the sensitization of leukemic cells to tumor necrosis factor-related apoptosis-inducing ligand-induced apoptosis. Cancer Res 2006-07-01 [PMID: 16818655]

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Products Related to NB100-79798

NBL1-11481	HDAC3 Overexpression 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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