

## Product Datasheet

### HDAC4 Antibody (C-term) (orb1936462)

<b>Catalog Number</b>	orb1936462
<b>Category</b>	Antibodies
<b>Description</b>	Affinity Purified Rabbit Polyclonal Antibody (Pab)
<b>Target</b>	This HDAC4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1049-1077 amino acids from the C-terminal region of human HDAC4.
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Form/Appearance</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>UniProt ID</b>	<b>P56524</b>
<b>MW</b>	119040 Da
<b>Tested applications</b>	IF, IHC-P, WB
<b>Dilution range</b>	IF: 1:10~50, WB: 1:1000, IHC-P: 1:10~50
<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	RB33667

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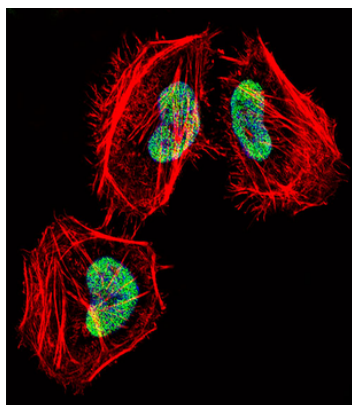
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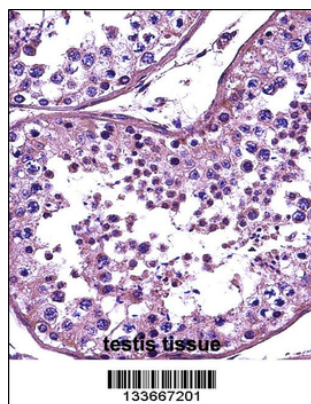
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<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
<b>Note</b>	For research use only
<b>NCBI</b>	<b>NP_006028.2</b>
<b>Expiration Date</b>	12 months from date of receipt.



Fluorescent confocal image of HeLa cell stained with HDAC4 Antibody (C-term). HeLa cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with HDAC4 primary antibody (1:25, 1 h at 37°C). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37°C). Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7 units/ml, 1 h at 37°C). Nuclei were counterstained with DAPI (10 µg/ml, 10 min). HDAC4 immunoreactivity is localized to Nucleus significantly.



HDAC4 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of HDAC4 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

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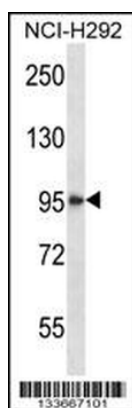
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HDAC4 Antibody (C-term) western blot analysis in NCI-H292 cell line lysates (35 ug/lane). This demonstrates the HDAC4 antibody detected the HDAC4 protein (arrow).

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