

Product Datasheet

HDAC2 Antibody (C-term) (orb28974)

Catalog Number	orb28974
Category	Antibodies
Description	Purified rabbit polyclonal antibody.
Target	HDAC2
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Immunogen	Synthetic Peptide
UniProt ID	Q92769
MW	55364
Tested applications	IF, IHC-P, WB
Dilution range	IF - 1:10-50, WB - 1:1000, IHC-P - 1:10-50
Antibody Type	Primary Antibody
Clone Number	BTD7930

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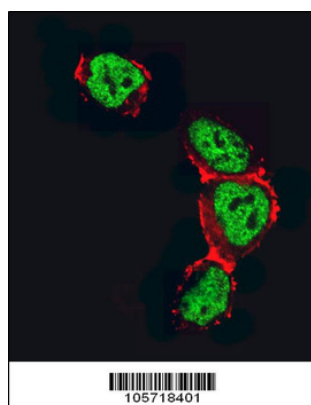
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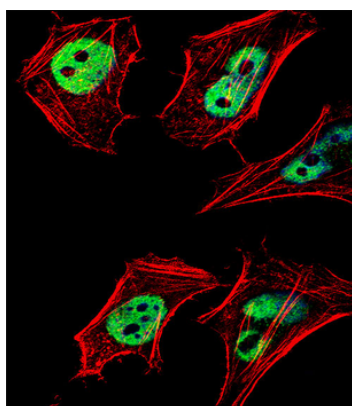
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Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
NCBI	NP_001518.3
Expiration Date	12 months from date of receipt.



Confocal immunofluorescent analysis of HDAC2 Antibody (C-term) with 293 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red).



Fluorescent confocal image of HeLa cell stained with HDAC2 Antibody (C-term). HeLa cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with HDAC2 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). hHDAC2 immunoreactivity is localized to Nucleus significantly.

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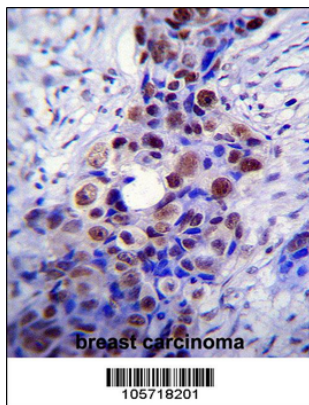
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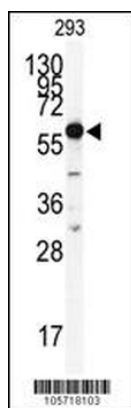
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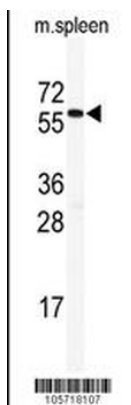
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HDAC2 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of HDAC2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western blot analysis of anti-HDAC2 Antibody (C-term) in 293 cell line lysates (35 ug/lane). HDAC2 (arrow) was detected using the purified Pab.



Western blot analysis of anti-HDAC2 Antibody (C-term) in mouse spleen tissue lysates (35 ug/lane). HDAC2 (arrow) was detected using the purified Pab.

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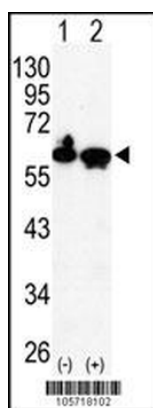
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Western blot analysis of HDAC2 (arrow) using rabbit polyclonal HDAC2 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the HDAC2 gene (Lane 2).

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