

HDAC3 antibody [C3], C-term

Cat. No. GTx109679

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IP, ChIP assay
Reactivity	Human, Mouse, Rat, Drosophila

References (9)

 Review (1)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IP	1:100-1:500
ChIP assay	Assay dependent

Not tested in other applications.

Calculated MW 49 kDa. ([Note](#))

Product Note KO/KD validation is based on published data (PMID: 27065869).

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human HDAC3. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



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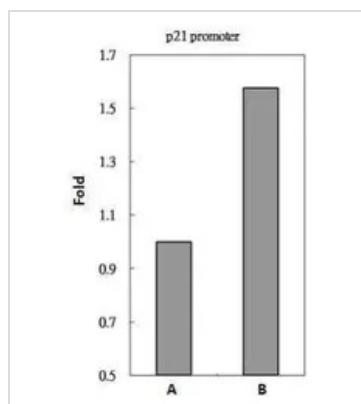
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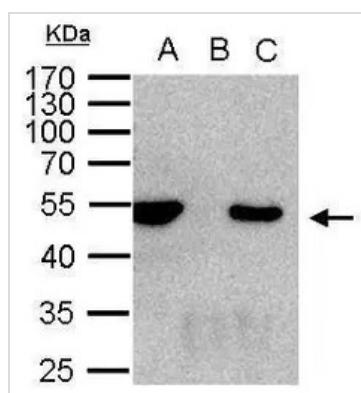
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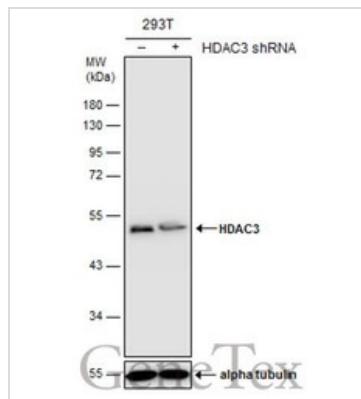
DATA IMAGES

**GTX109679 ChIP assay Image**

HDAC3 antibody immunoprecipitates HDAC3 protein-DNA in ChIP experiments. ChIP Sample: 293T whole cell lysate/extract A. 5 μ g preimmune rabbit IgG B. 5 μ g of HDAC3 antibody (GTX109679) The precipitated DNA was detected by PCR with primer set targeting to p21 promoter.

**GTX109679 IP Image**

HDAC3 antibody immunoprecipitates HDAC3 protein in IP experiments. IP Sample: 1000 μ g 293T whole cell lysate/extract A. 50 μ g 293T whole cell lysate/extract B. Control with 2 μ g of preimmune rabbit IgG C. Immunoprecipitation of HDAC3 protein by 2 μ g of HDAC3 antibody (GTX109679) 10% SDS-PAGE The immunoprecipitated HDAC3 protein was detected by HDAC3 antibody (GTX109679) diluted at 1:1000. EasyBlot anti-rabbit IgG (GTX221666-01) was used as a secondary reagent.

**GTX109679 WB Image**

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 μ g) were separated by 10% SDS-PAGE, and the membrane was blotted with HDAC3 antibody [C3], C-term (GTX109679) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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