

HDAC2 antibody

Cat. No. GTX109642

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

References (27)

★★★★★ 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 55 kDa. ([Note](#))**Product Note** KO/KD validation is based on published data (PMID: 27065869 and 29326587).

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
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	0.83 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 HDAC2. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



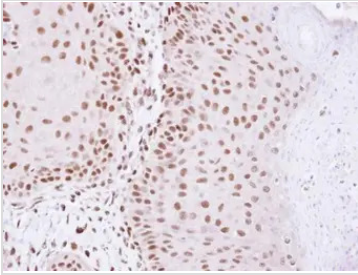
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Note

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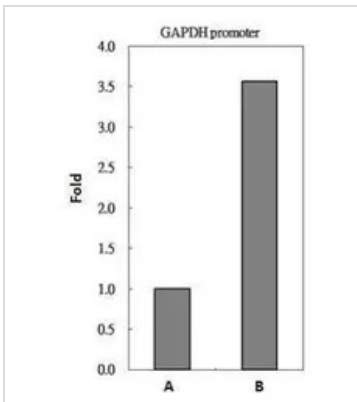
DATA IMAGES



GTx109642 IHC-P Image

Immunohistochemical analysis of paraffin-embedded Cal27 Xenograft, using HDAC2(GTX109642) antibody at 1:100 dilution.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



GTx109642 ChIP assay Image

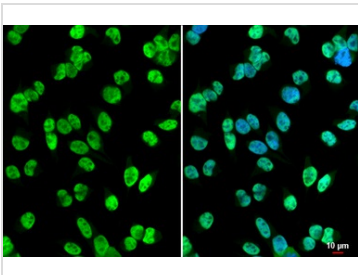
HDAC2 antibody immunoprecipitates HDAC2 protein-DNA complex in ChIP experiments. ChIP Sample:

293T whole cell lysate/extract

A. 5 µg preimmune rabbit IgG

B. 5 µg of HDAC2 antibody (GTx109642)

The precipitated DNA was detected by PCR with primer set targeting to GAPDH promoter.



GTx109642 ICC/IF Image

HDAC2 antibody detects HDAC2 protein at nucleus by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: HDAC2 stained by HDAC2 antibody (GTx109642) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTx30920).



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