HDAC3 antibody [GT9080]

Cat. No. GTX60832

Host	Mouse
Clonality	Monoclonal
Isotype	IgG
Applications	ICC/IF, ChIP assay
Reactivity	Human

Package
50 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
ICC/IF	Assay dependent
ChIP assay	Assay dependent

Not tested in other applications.

Properties

Form	Liquid
Buffer	Tissue culture supernatant
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Immunogen	Human HDAC3 (Histone deacetylase 3), using a KLH-conjugated synthetic peptide containing a sequence from the C-terminal region of the protein.
Purification	Unpurified
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

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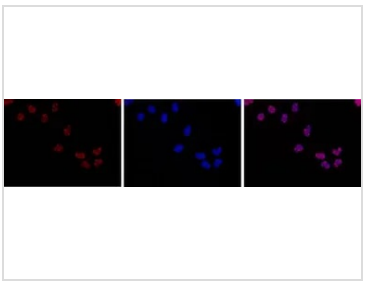
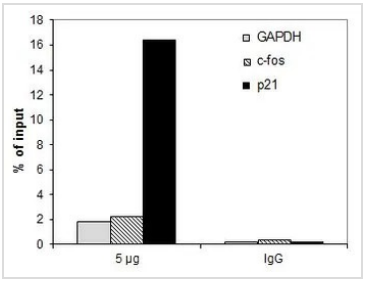
DATA IMAGES



GTX60832 ICC/IF Image

ICC/IF analysis of HeLa cells using HDAC3 antibody (red) and DAPI. Cells were fixed with 4% formaldehyde for 10' and blocked with PBS/TX-100 containing 5% normal goat serum and 1% BSA. The cells were immunofluorescently labelled with the HDAC3 antibody at a dilution of 1:500.



GTX60832 ChIP assay Image

ChIP was performed with HeLa extracts and either 5 µg of HDAC3 antibody or control IgG. The precipitated DNA was detected by qPCR with primers targeting to GAPDH promoter, c-fos promoter and the coding region of p21, a known target gene of HDAC3.

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