

HDAC8 Rabbit mAb

Catalog No.: A8865 Recombinant 6 Publications

Basic Information

Observed MW

42kDa

Calculated MW

42kDa

Category

Primary antibody

Applications

IHC-P, IF/ICC, IP, ELISA

Cross-Reactivity

Human, Mouse, Rat

Clone/No. number

ARC1331

Background

Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene belongs to class I of the histone deacetylase family. It catalyzes the deacetylation of lysine residues in the histone N-terminal tails and represses transcription in large multiprotein complexes with transcriptional co-repressors. Multiple transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

IHC-P 1:100 - 1:1000

IF/ICC 1:100 - 1:1000

IP 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

55869

Swiss Prot

Q9BY41

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

HD8; WTS; RPD3; CDA07; CDLS5; KDAC8; MRXS6; HDACL1; C8

Contact

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

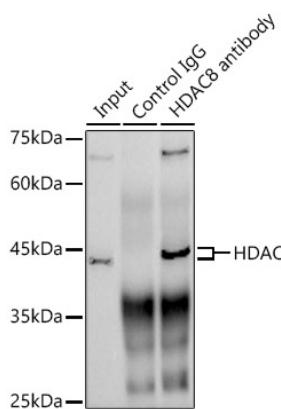
Affinity purification

Storage

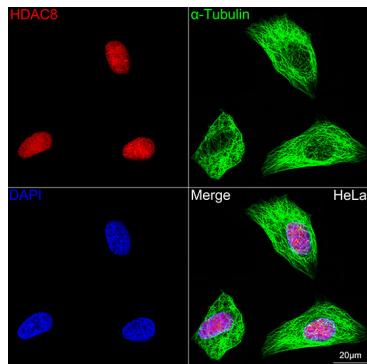
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

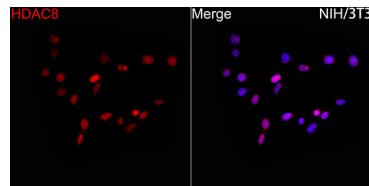
Validation Data



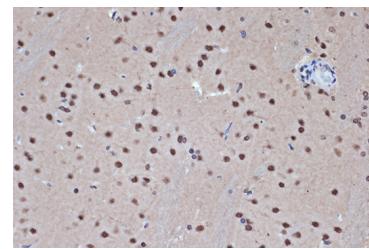
Immunoprecipitation analysis of 300 µg extracts from HeLa cells using 3 µg HDAC8 antibody (A8865). Western blot was performed from the immunoprecipitate using HDAC8 antibody (A8865) at a dilution of 1:1000.



Confocal imaging of HeLa cells using HDAC8 Rabbit mAb (A8865, dilution 1:100) followed by a further incubation with Cy3-conjugated Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α -Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



Immunofluorescence analysis of NIH/3T3 cells using HDAC8 Rabbit mAb (A8865) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded Rat brain using HDAC8 Rabbit mAb (A8865) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.