

HDAC2 Rabbit mAb

Catalog No.: A19626

Recombinant

9 Publications

Basic Information

Observed MW

60kDa

Calculated MW

55kDa

Category

Primary antibody

Applications

WB,IP,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC2647

Background

This gene product belongs to the histone deacetylase family. Histone deacetylases act via the formation of large multiprotein complexes, and are responsible for the deacetylation of lysine residues at the N-terminal regions of core histones (H2A, H2B, H3 and H4). This protein forms transcriptional repressor complexes by associating with many different proteins, including YY1, a mammalian zinc-finger transcription factor. Thus, it plays an important role in transcriptional regulation, cell cycle progression and developmental events. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB 1:1000 - 1:6000**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.

Contact

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Immunogen Information

Gene ID

3066

Swiss Prot

Q92769

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human HDAC2 (NP_001518.3).

Synonyms

HD2; RPD3; YAF1; KDAC2; HDAC2

Product Information

Source

Rabbit

Isotype

IgG

Purification

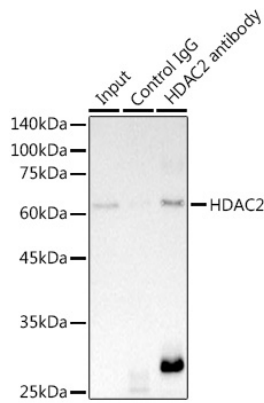
Affinity purification

Storage

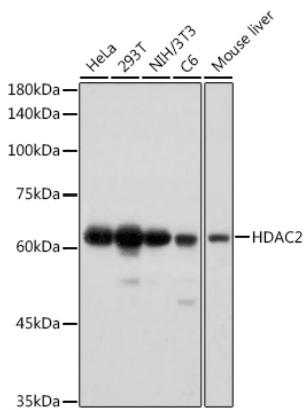
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Immunoprecipitation analysis of 300 μ g extracts of HeLa cells using 3 μ g HDAC2 antibody (A19626). Western blot was performed from the immunoprecipitate using HDAC2 antibody (A19626) at a dilution of 1:1000.



Western blot analysis of various lysates using HDAC2 Rabbit mAb (A19626) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.