

A19537

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HDAC3 Rabbit mAb

Catalog No.: A19537

Recombinant

9 Publications

Basic Information

Observed MW

49kDa

Calculated MW

49kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

WB,IP,ELISA

Cross-Reactivity

Human,Mouse,Rat

CloneNo number

ARC0016

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 the histone deacetylase/acuc/apha family. It has histone deacetylase activity and represses transcription when tethered to a promoter. It may participate in the regulation of transcription through its binding with the zinc-finger transcription factor YY1. This protein can also down-regulate p53 function and thus modulate cell growth and apoptosis. This gene is regarded as a potential tumor suppressor gene.

Recommended Dilutions

WB 1:500 - 1:1000

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

Immunogen Information

Gene ID

8841

Swiss Prot

O15379

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 329-428 of human HDAC3 (NP_003874.2).

Synonyms

HD3; RPD3; KDAC3; RPD3-2; HDAC3

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

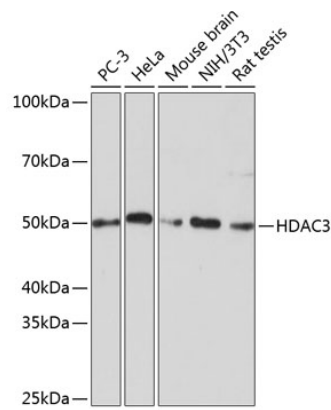
Affinity purification

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 µg extracts from HeLa cells using 3 µg HDAC3 Rabbit mAb (A19537). Western blot was performed from the immunoprecipitate using HDAC3 Rabbit mAb (A19537) at a dilution of 1:1000.

