

A16462

Leader in Biomolecular Solutions for Life Science



HDAC3 Rabbit pAb

Catalog No.: A16462

1 Publications

Basic Information

Observed MW

49kDa

Calculated MW

49kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse, Rat

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 - 1:2000

Immunogen Information

Gene ID

8841

Swiss Prot

O15379

Immunogen

Recombinant fusion protein containing a sequence corresponding to 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

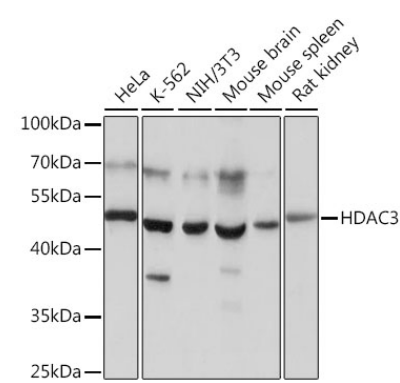
Affinity purification

Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of various lysates using HDAC3 Rabbit pAb (A16462) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.