

HDAC3 Mouse Monoclonal Antibody



CAB2603

Product Information

Size:

50uL, 100uL, 200uL

Observed MW:

53kDa

Calculated MW:

48kDa/49kDa

Applications:

WB ICC

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 ICC

1:200 - 1:500

Source:

Mouse

Isotype:

IgG

Purification:

Affinity purification

Protein 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.

Immunogen information

Gene ID:

8841

Uniprot

O15379

Synonyms:

HD3; RPD3; RPD3-2; HDAC3

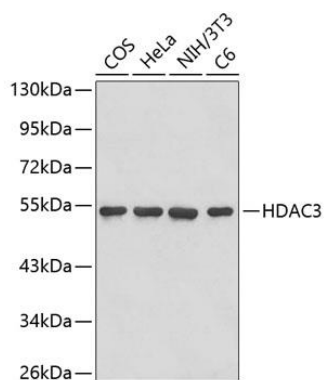
Immunogen:

Recombinant protein of human HDAC3

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of various cell lines, using HDAC3 antibody (CAB2603). Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (CABS003) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.