## **HDAC3 Rabbit Polyclonal Antibody**



## CAB16462

**Product Information** 

Size:

20uL, 50uL, 100uL, 200uL

**Observed MW:** 

49kDa

Calculated MW:

48kDa/49kDa

Applications:

WB IP

Reactivity:

Human, Mouse, Rat

**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

0041

Uniprot

O15379

Synonyms:

**Antibody Information** HD3; RPD3; RPD3-2; HDAC3

**Recommended dilutions:** 

WB 1:500 - 1:2000 IP 1:50 -

1:100

Source:

Rabbit

IgG

Immunogen:

Recombinant protein of human HDAC3

Storage

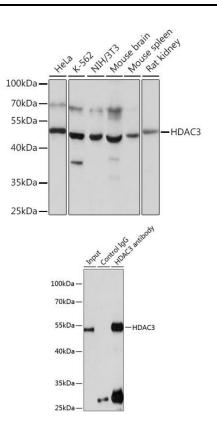
**Isotype:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%

sodium azide, 50% glycerol, pH7.3.

**Purification:** 

Affinity purification

## **Product Images**



Western blot analysis of extracts of various cell lines, using HDAC3 antibody (CAB16462) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.

Immunoprecipitation analysis of 200ug extracts of NIH/3T3 cells using 3ug HDAC3 antibody (CAB16462). Western blot was performed from the immunoprecipitate using HDAC3 antibody (CAB16462) at a dilition of 1:1000.