

## HDAC3 polyclonal antibody

Catalog: BS6776

Host: Rabbit

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.

### Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

49kDa

### Swiss-Prot:

O15379

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB,1:500 - 1:2000|IP,1:50 - 1:100

### Storage&Stability:

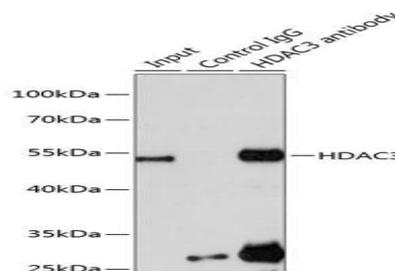
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Category:

Polyclonal Antibodies

### DATA:

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



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

### Note:

For research use only, not for use in diagnostic procedure.

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