

## HDAC2 polyclonal antibody

Catalog: BS90618

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

In the intact cell, DNA closely associates with histones and other nuclear proteins to form chromatin. The remodeling of chromatin is believed to be a critical component of transcriptional regulation and a major source of this remodeling is brought about by the acetylation of nucleosomal histones. Acetylation of lysine residues in the amino terminal tail domain of histone results in an allosteric change in the nucleosomal conformation and an increased accessibility to transcription factors by DNA. Conversely, the deacetylation of histones is associated with transcriptional silencing. Several mammalian proteins have been identified as nuclear histone acetylases, including GCN5, PCAF (for p300/CBP-associated factor), p300/CBP and the TFIID subunit TAF II p250. Mammalian HDAC1 (also designated HD1) and HDAC2 (also designated mammalian RPD3), both of which are related to the yeast transcriptional regulator Rpd3p, have been identified as histone deacetylases.

### Product:

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

### Molecular Weight:

60 kDa

### Swiss-Prot:

Q92769(Human) P70288(Mouse) Unigene:1797(Rat)

### Purification&Purity:

ProA affinity purified

### Applications:

WB:1:1,000-1:2,000

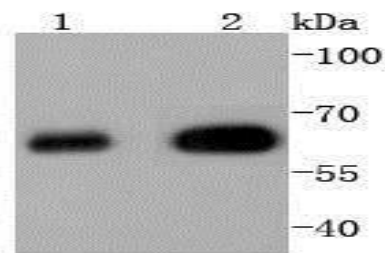
### Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

### Specificity:

HDAC2 polyclonal antibody detects endogenous levels of HDAC2 protein.

### DATA:



Western blot analysis of HDAC2 on different lysates using anti-HDAC2 antibody at 1/1,000 dilution. Positive control: Lane 1: K562 Lane 2: HeLa

### Note:

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

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