

## HDAC1

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:100 - 1:200 IF 1:50 - 1:100

**Calculated MW:**55kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human HDAC1

**Storage Buffer:**

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

**Concentration:**

bfippt

**Synonym:**

HD1; RPD3; GON-10; RPD3L1;

**Catalog #:**A0238

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**3065

**Isotype:**IgG

**Swiss Prot:**Q13547

**Purity:**Affinity purification

For research use only.

**Background:**

Histone acetylation and deacetylation, catalyzed by multisubunit complexes, play a key role in the regulation of eukaryotic gene expression. The protein encoded by this gene belongs to the histone deacetylase/acuc/apha family and is a component of the histone deacetylase complex. It also interacts with retinoblastoma tumor-suppressor protein and this complex is a key element in the control of cell proliferation and differentiation. Together with metastasis-associated protein-2, it deacetylates p53 and modulates its effect on cell growth and apoptosis.

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