

HDAC1

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/alpha 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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