## M30146 HDAC1 Antibody Order 021-34695924 orders@ab-mart.com Support 400-6123-828 support1@ab-mart.com Web www.ab-mart.com.cn

## **Description:**

Histone acetylation and deacetylation, catalyzed by multisubunit complexes, play a key role in the regulation of eukaryotic gene expression. HDAC1 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, HDAC1 deacetylates p53 and modulates its effect on cell growth and apoptosis.

Uniprot:Q94517

## **Alternative Names:**

DKFZp686H12203; HD1; Histone deacetylase 1; histone deacetylase 1-like protein; reduced potassium dependency, yeast homolog-like 1; RP4-811H24.2; GON-10; HD1; HDAC1; Hdac1-ps; MommeD5; RPD3; RPD3L1;

Reactivity: Human, Mouse, Rat

Source: Mouse

Mol Weight: 58KD

**Storage Condition:** Store at -20 °C. Stable for 12 months from date of receipt.

## **Application:**

WB 1:500-1:2000, IHC 1:50-1:200; IP 1:50-1:100