

## HDAC1 Recombinant antibody

**Cat:** B36307S

**Company:** HaoKebio

**Uniprot ID:** Q13547

**Applications:** IHC:1:500-1:2000

**Organism:** Rabbit

IHC-Polymer:1:2000-1:8000

**Species reactivity:** Human Mouse

IHC-TSA:1:2500-1:10000

**Molecular Weight Calculation:** 55 kDa

IF:1:50-1:100

**Observed Molecular Weight:** 58-66 kDa

WB:1:5000-1:50000

FC:1:200-1:600

### Background:

Histone deacetylases (HDAC) are a class of enzymes that remove the acetyl groups from the lysine residues leading to the formation of a condensed and transcriptionally silenced chromatin. The protein encoded by this gene belongs to the histone deacetylase/acuc/alpha family and is a component of the histone deacetylase complex, which is responsible for gene expression silencing. It also plays an important role in the control of cell proliferation and differentiation by interacting with RB, p53 and other transcription factors. At least 4 classes of HDAC were identified. As a class I HDAC, HDAC 1 was primarily found in the nucleus.

### Synonyms:

240614A3, EC:3.5.1.-, EC:3.5.1.98, GON 10, HD1

### Immunogen:

Recombinant protein

### Isotype:

IgG

### Subcellular location:

Nucleus

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

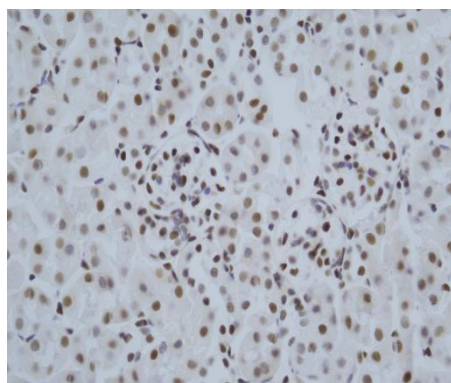
### Storage:

Store at -20 °C for one year.

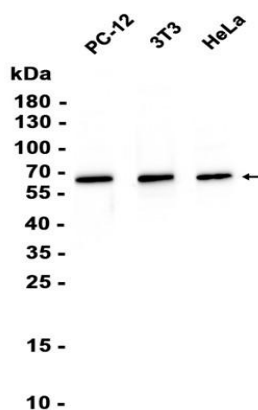
### Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

### Images:



Sample: Mouse spleen, 4% PFA 12-24h



Dilution of 1:10000 incubated at room temperature for 1.5 hours.

### Source of Reagents:

发表[中文论文]请标注:HDAC1(B36307S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:HDAC1(B36307S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.