

## HDAC1 Polyclonal Antibody

**catalog number: E-AB-18230**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

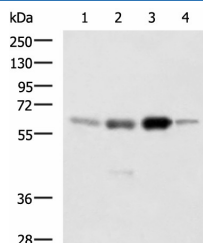
### Description

<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Fusion protein of human HDAC1
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen affinity purification
<b>Buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

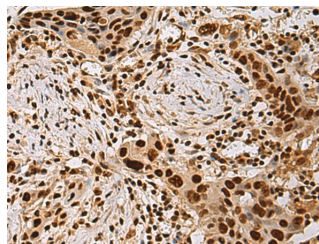
### Applications

Applications	Recommended Dilution
<b>WB</b>	1:1000-1:5000
<b>IHC</b>	1:50-1:200

### Data



Western blot analysis of 293T 231 Jurkat and RAW264.7 cell lysates using HDAC1 Polyclonal Antibody at dilution of 1:1000



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using HDAC1 Polyclonal Antibody at dilution of 1:45(×200)

**Observed-MW:Refer to figures**  
**Calculated-MW:55 kDa**

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

### 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.

### For Research Use Only