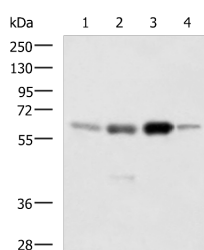


## HDAC1 Polyclonal Antibody

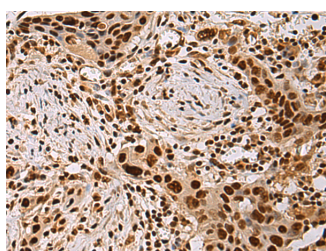
<b>Catalog No.</b>	E-AB-18230	<b>Reactivity</b>	H,M,R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,IHC,ELISA	<b>Isotype</b>	IgG

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

### Images



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)

### Immunogen Information

<b>Immunogen</b>	Fusion protein of human HDAC1
<b>Gene Accession</b>	BC000301
<b>Swissprot</b>	Q13547
<b>Synonyms</b>	DKFZp686H12203,GON 10,HD1,HDAC 1,HDAC1,HDAC1,Histone deacetylase 1,Reduced potassium dependency yeast homolog like 1,RPD3,RPD3L1

### Product Information

<b>Calculated MW</b>	55 kDa
<b>Observed MW</b>	Refer to figures
<b>Buffer</b>	PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol,pH7.4
<b>Purify</b>	Antigen affinity purification
<b>Dilution</b>	WB 1:1000-1:5000, IHC 1:50-1:200, ELISA 1:5000-1:10000

### 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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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.