

HDAC1 Polyclonal Antibody

catalog number: E-AB-18230

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

Description

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

Applications

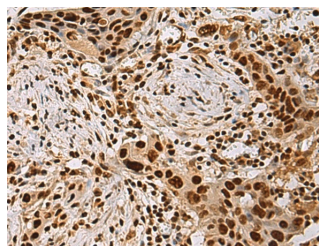
Recommended Dilution

WB	1:1000-1:5000
IHC	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(x200)

Observed-MW: Refer to figures

Calculated-MW: 55 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	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.

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