

**Product Name: HDAC1 Rabbit Monoclonal Antibody**  
**Catalog #: AMRe21452**



## Summary

<b>Production Name</b>	HDAC1 Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,IF,IP,ELISA
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG,Kappa
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protective protein
<b>Purification</b>	Protein A

## Immunogen

<b>Gene Name</b>	HDAC1
<b>Alternative Names</b>	HDAC1;RPD3L1;Histone deacetylase 1;HD1
<b>Gene ID</b>	3065.0
<b>SwissProt ID</b>	Q13547.

## Application

<b>Dilution Ratio</b>	IHC 1:4000-1:10000;WB 1:1000-1:5000;IF 1:200-1:1000;ELISA 1:5000-1:20000;IP 1:50-1:200,
<b>Molecular Weight</b>	Calculated MW:55kD;Observed MW:62kD

## Background

Cell localization:Nucleus.Histone acetylation and deacetylation, catalyzed by multisubunit complexes, play a key role in the

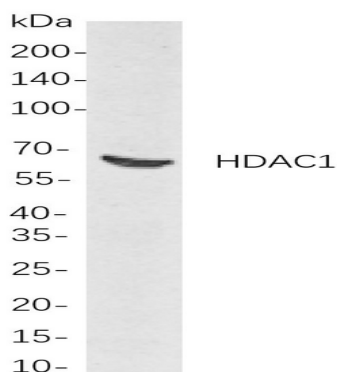
**Product Name: HDAC1 Rabbit Monoclonal Antibody**  
**Catalog #: AMRe21452**



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. [provided by RefSeq, Jul 2008],

## Research Area

## Image Data



Western blot analysis of lysates from K562

cells, using HDAC1 Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.

## Note

For research use only.