
Product Name: HDAC1 Rabbit Monoclonal Antibody**Catalog #: AMRe02073**

For research use only.

Summary

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|----------------------|--|
| Description | Recombinant rabbit monoclonal antibody |
| Host | Rabbit |
| Application | WB,IHC,IF,ELISA |
| Reactivity | Human,Mouse,Rat |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Monoclonal |
| Form | Liquid |
| Concentration | 0.3mg/ml. The concentration of this product may be batch-dependent. |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| Purification | Affinity Purification |

Application

| | |
|-------------------------|---|
| Dilution Ratio | IHC 1:4000-1:10000;WB 1:1000-1:5000;IF 1:200-1:1000;ELISA 1:5000-1:20000; |
| Molecular Weight | Calculated MW: 55 kDa; Observed MW: 62 kDa |

Antigen Information

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|--------------------------|---|
| Gene Name | HDAC1 |
| Alternative Names | HDAC1; RPD3L1; Histone deacetylase 1; HD1 |
| Gene ID | 3065 |
| SwissProt ID | Q13547 |
| Immunogen | A synthetic peptide of human HDAC1 |

Background

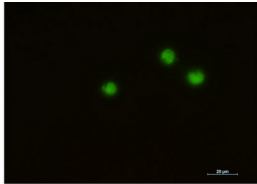
HDAC1 a transcriptional regulator of the histone deacetylase family, subfamily 1. Deacetylates lysine residues on the N-terminal part of the core histones H2A, H2B, H3 AND H4. Plays an important role in transcriptional regulation, cell cycle progression and

developmental events.

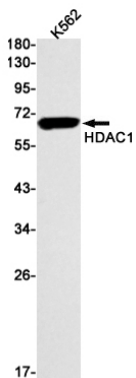
Research Area

Epigenetics and Nuclear Signaling

Image Data



Immunocytochemistry analysis of HDAC1 (green) in Jurkat using HDAC1 antibody, and DAPI (blue).



Western blot analysis of HDAC1 in K562 lysates using HDAC1 antibody.