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## Summary

|                        |                                  |
|------------------------|----------------------------------|
| <b>Production Name</b> | HDAC1 Rabbit Polyclonal Antibody |
| <b>Description</b>     | Primary antibody                 |
| <b>Host</b>            | Rabbit                           |
| <b>Application</b>     | WB,IHC-P,ICC/IF                  |
| <b>Reactivity</b>      | Human,Mouse,Rat                  |

## Performance

|                     |  |
|---------------------|--|
| <b>Conjugation</b>  | Unconjugated   |
| <b>Modification</b> | Unmodified   |
| <b>Isotype</b>      | IgG  |
| <b>Clonality</b>    | Polyclonal Antibody  |
| <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>       | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| <b>Purification</b> | Affinity Chromatography  |

## Immunogen

|                          |   |
|--------------------------|---|
| <b>Gene Name</b>         | HDAC1                                     |
| <b>Alternative Names</b> | HDAC1; RPD3L1; Histone deacetylase 1; HD1 |
| <b>Gene ID</b>           | 3065                                      |
| <b>SwissProt ID</b>      | Q13547                                    |

## Application

|                         |   |
|-------------------------|---|
| <b>Dilution Ratio</b>   | WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 |
| <b>Molecular Weight</b> | Calculated MW: 55 kDa; Observed MW: 55 kDa      |

## Background

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**Product Name: HDAC1 Rabbit Polyclonal Antibody**  
**Catalog #: APRab00012**

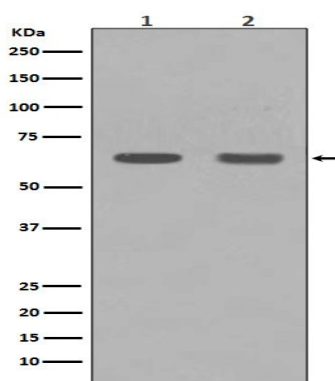


HDAC1 a transcriptional regulator of the histone deacetylase family, subfamily 1. Deacetylates lysine residues on the N-terminal part of the core histones H2A, H2B, H3 AND H4. Plays an important role in transcriptional regulation, cell cycle progression and developmental events.

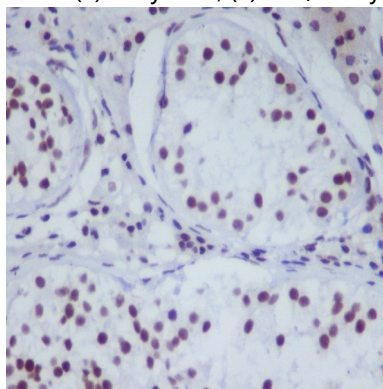
## Research Area

Epigenetics and Nuclear Signaling

## Image Data



Western blot analysis of HDAC1 in (1) C6 lysates; (2) NIH/3T3 lysates using HDAC1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human testis using HDAC1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

## Note

For research use only.