

## anti- HDAC1 antibody

### Product Information

|               |                                                                                                                 |
|---------------|-----------------------------------------------------------------------------------------------------------------|
| Catalog No.:  | FNab03792                                                                                                       |
| Size:         | 100µg                                                                                                           |
| Form:         | liquid                                                                                                          |
| Purification: | Immunogen affinity purified                                                                                     |
| Purity:       | ≥95% as determined by SDS-PAGE                                                                                  |
| Host:         | Rabbit                                                                                                          |
| Clonality:    | polyclonal                                                                                                      |
| Clone ID:     | None                                                                                                            |
| IsoType:      | IgG                                                                                                             |
| Storage:      | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.) |

### 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.

### Immunogen information

|              |                                                                         |
|--------------|-------------------------------------------------------------------------|
| Immunogen:   | histone deacetylase 1                                                   |
| Synonyms:    | DKFZp686H12203, GON 10, HD1, HDAC1, histone deacetylase 1, RPD3, RPD3L1 |
| Observed MW: | 60 kDa                                                                  |
| UniprotID :  | Q13547                                                                  |

### Application

|             |                   |
|-------------|-------------------|
| Reactivity: | Human, Mouse, Rat |
|-------------|-------------------|

### Wuhan Fine Biotech Co., Ltd.

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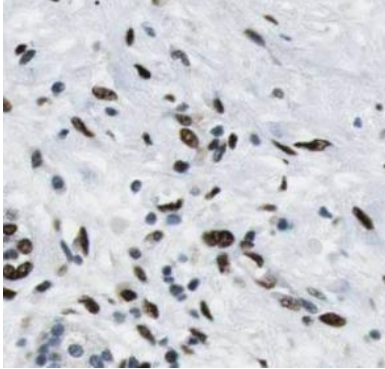
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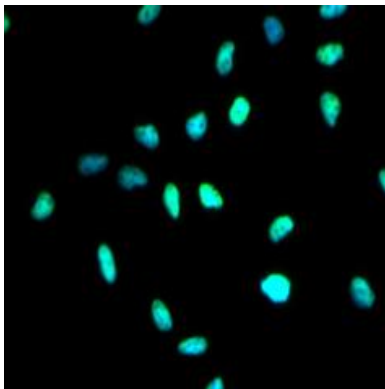
Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:100 - 1:200; IF: 1:50 - 1:100

Image:



Immunohistochemistry of paraffin-embedded human prostate cancer using FNab03792(HDAC1 antibody) at dilution of 1:100



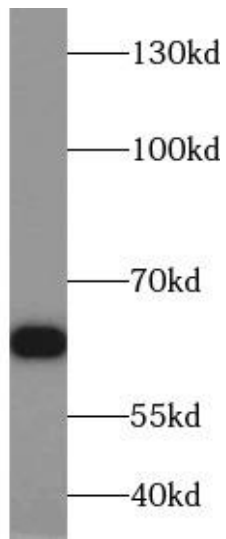
Immunofluorescence analysis of A549 cells using FNab03792 (HDAC1 antibody). Blue: DAPI for nuclear staining.

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HepG2 cells were subjected to SDS PAGE followed by western blot with FNab03792(HDAC1 antibody) at dilution of 1:1000