

[KO Validated] HDAC1 Rabbit Monoclonal Antibody
CAB19571



Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

65kDa

Calculated MW:

55kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Protein 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. [provided by RefSeq, Jul 2008]

Immunogen information

Gene ID:

3065

Uniprot

Q13547

Synonyms:

GON-10; HD1; RPD3; RPD3L1; HDAC1

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Immunogen:

A synthesized peptide derived from human HDAC1.

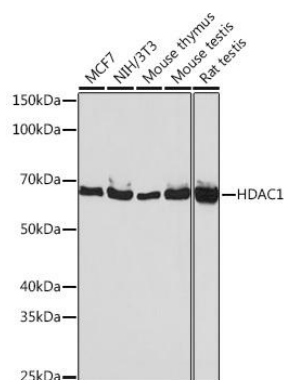
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

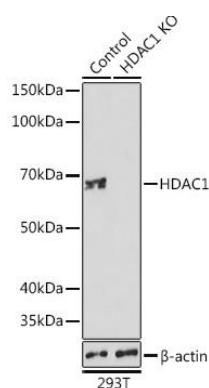
Purification:

Affinity purification

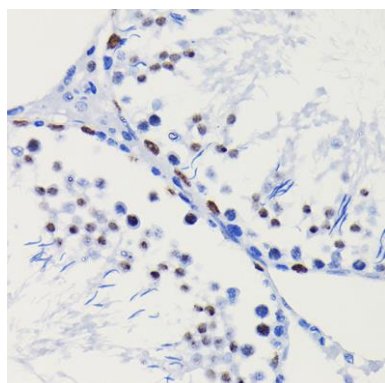
Product Images



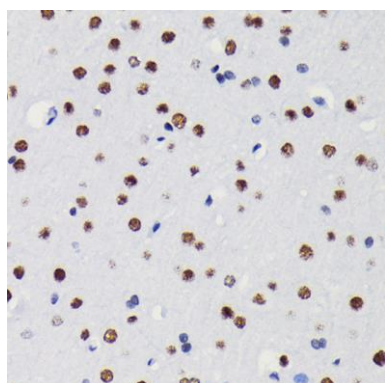
Western blot analysis of extracts of various cell lines, using HDAC1 antibody (CAB19571) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.



Western blot analysis of extracts from normal (control) and HDAC1 knockout (KO) 293T cells, using HDAC1 antibody (CAB19571) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.



Immunohistochemistry of paraffin-embedded Rat testis using HDAC1 antibody (CAB19571) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Mouse brain using HDAC1 antibody (CAB19571) at dilution of 1:100 (40x lens).