Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

HDAC2 Polyclonal Antibody

Catalog No: tcba7232

Available Sizes

Size: 50ul

Size: 100ul

Size: 200ul

Specifications

Application:
WB,IHC,IF,IP

Research Area:
Cancer,Stem cells,Cell cycle,Wnt pathway,Neuroscience,Cardiovascular,Developmental Biology,Cell Biology,NF-κB pathway,Neurodegeneration,Cell Cycle,Epigenetics,

Species Reactivity:
Human,Mouse,Rat,Monkey

Host Species:
Rabbit

Isotype:
IgG

Form:
Liquid

Storage Buffer:
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Recommended Dilution:
WB 1:500 - 1:2000
IHC 1:50 - 1:200
IF 1:50 - 1:100
IP 1:50 - 1:200

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Storage Instruction:
Store at -20℃. Avoid freeze / thaw cycles.

Alternative Names:
HD2;RPD3;YAF1

SwissProt:
Q92769

Gene ID:
3066 (human);

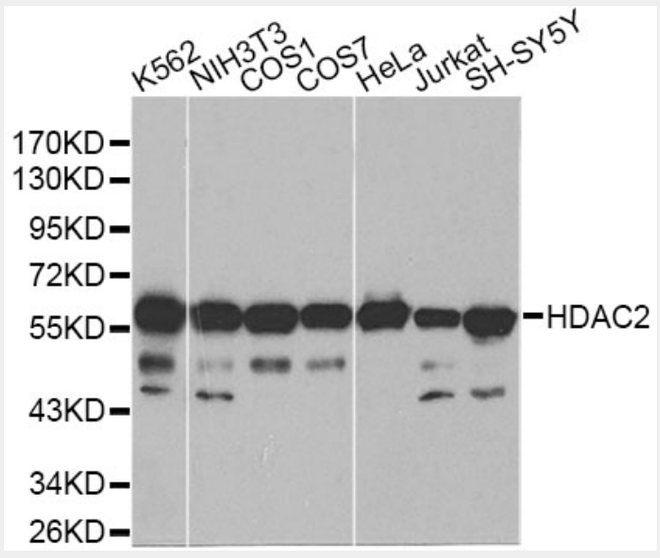
Calculated Molecular Weight:
51kDa/55kDa

Purification:
Affinity purification

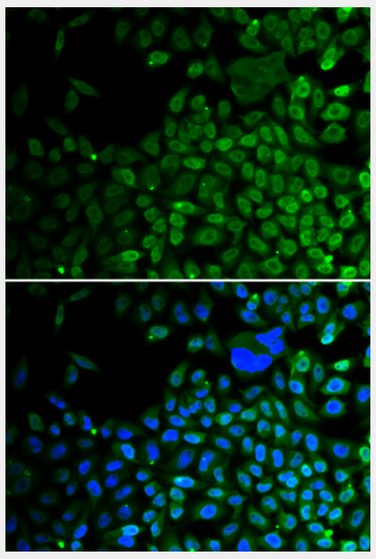
Cellular Location:
Cytoplasm,Nucleus,

Product Description

This gene product belongs to the histone deacetylase family. Histone deacetylases act via the formation of large multiprotein complexes, and are responsible for the deacetylation of lysine residues at the N-terminal regions of core histones (H2A, H2B, H3 and H4). This protein forms transcriptional repressor complexes by associating with many different proteins, including YY1, a mammalian zinc-finger transcription factor. Thus, it plays an important role in transcriptional regulation, cell cycle progression and developmental events. Alternative splicing results in multiple transcript variants.



Western blot analysis of extracts of various cell lines, using HDAC2 antibody at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.



Immunofluorescence analysis of A549 cells using HDAC2 antibody. Blue: DAPI for nuclear staining.

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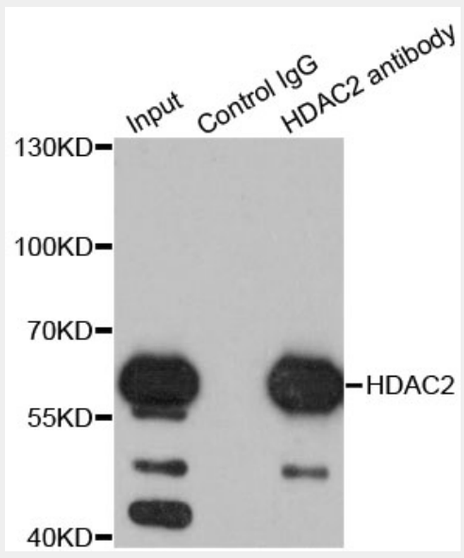
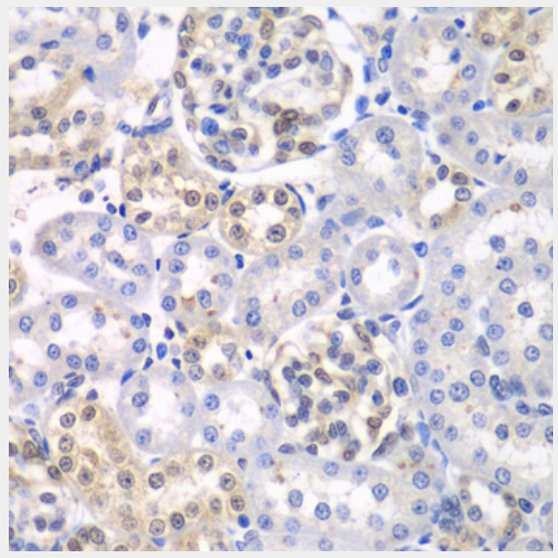
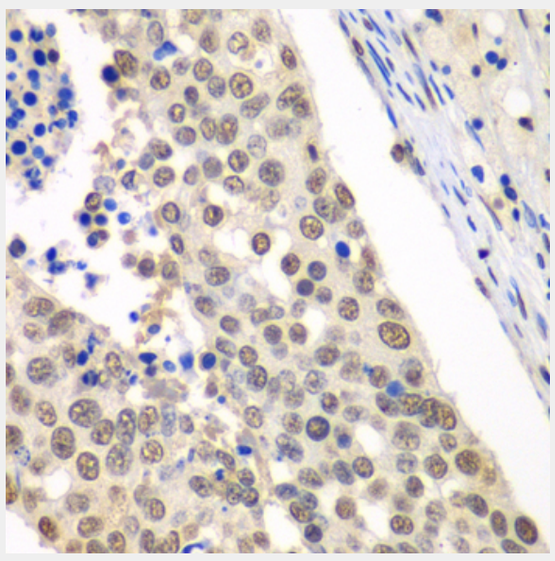


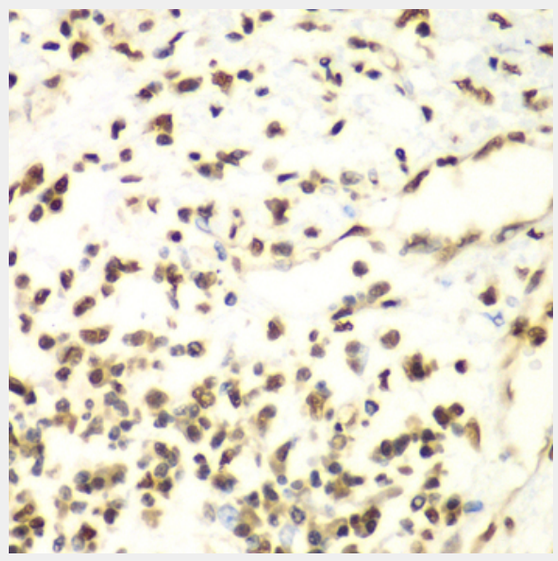
Immunoprecipitation analysis of 200ug extracts of K562 cells using 1ug HDAC2 antibody. Western blot was performed from the immunoprecipitate using HDAC2 antibody at a dilition of 1:1000.



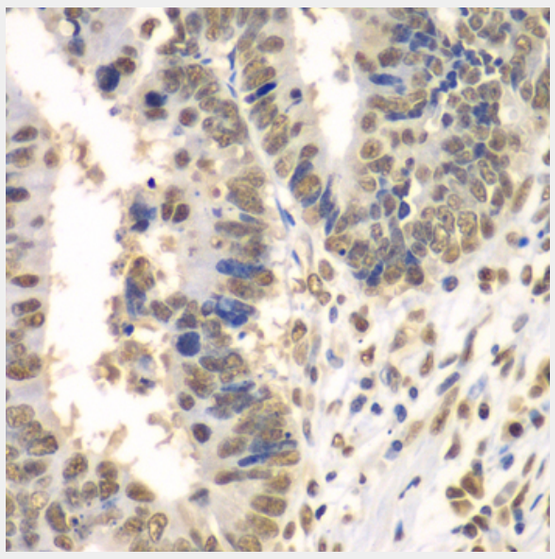
Immunohistochemistry of paraffin-embedded rat kidney using HDAC2 antibody at dilution of 1:100 (40x lens).



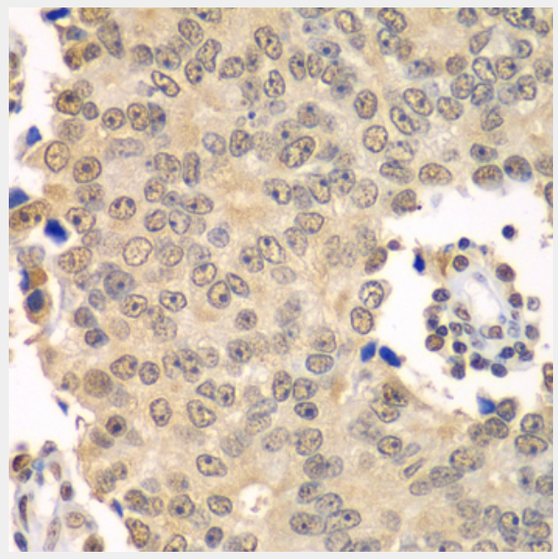
Immunohistochemistry of paraffin-embedded human lung cancer using HDAC2 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human liver cancer using HDAC2 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human colon carcinoma using HDAC2 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human prostate cancer using HDAC2 antibody at dilution of 1:100 (40x lens).

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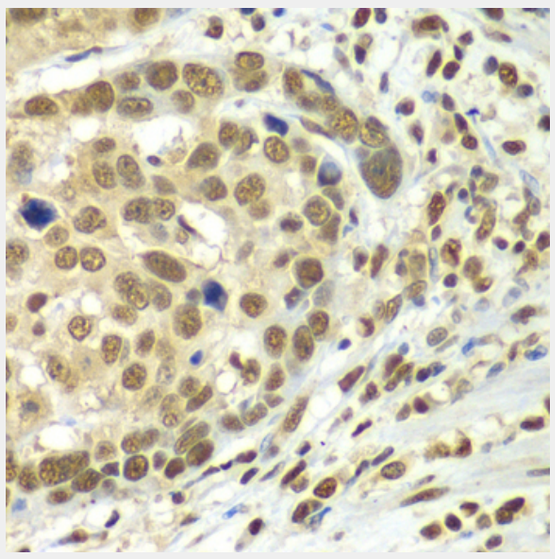
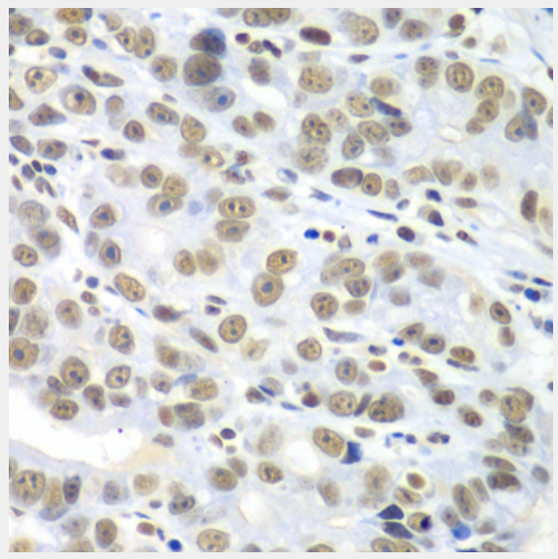
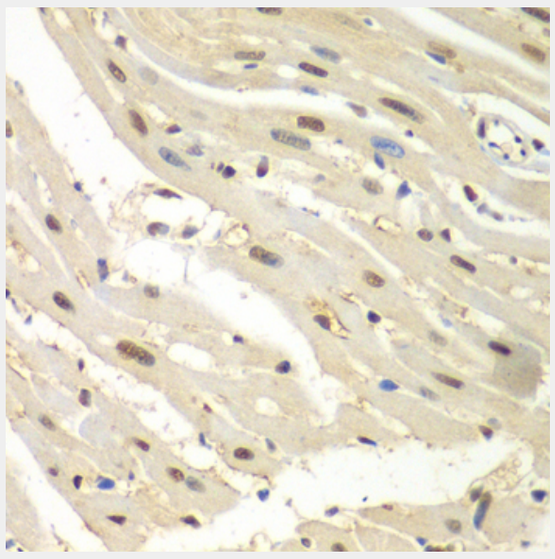


Immunohistochemistry of paraffin-embedded human esophageal cancer using HDAC2 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human gastric cancer using HDAC2 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse heart using HDAC2 antibody at dilution of 1:100 (40x lens).