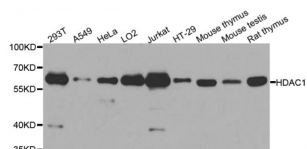


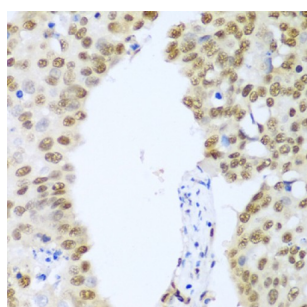
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Histone Deacetylase 1 (HDAC1) Antibody

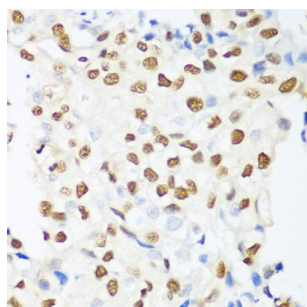
Catalogue No.: abx000623



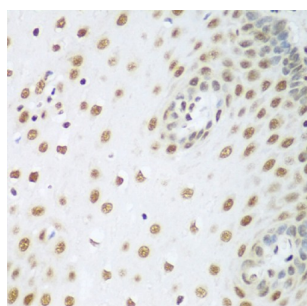
Western blot analysis of extracts of various cell lines, using HDAC1 antibody (abx000623) at 1/1000 dilution.



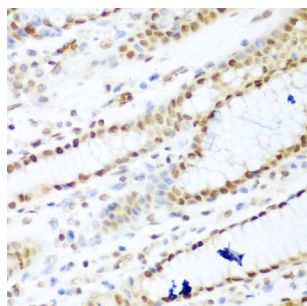
Immunohistochemistry of paraffin-embedded human lung cancer using HDAC1 antibody (abx000623) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded human prostate cancer using HDAC1 antibody (abx000623) at dilution of 1/100 (40x lens).

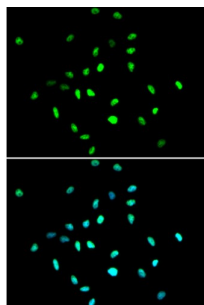


Immunohistochemistry of paraffin-embedded human esophagus using HDAC1 antibody (abx000623) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded human stomach using HDAC1 antibody (abx000623) at dilution of 1/100 (40x lens).

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Immunofluorescence analysis of A549 cells using HDAC1 antibody (abx000623). Blue: DAPI for nuclear staining.

HDAC1 Antibody is a Rabbit Polyclonal antibody against HDAC1. 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.

Target: HDAC1

Reactivity: Human, Mouse, Rat

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB, IHC, IF/ICC

Recommended dilutions: WB: 1/500 - 1/2000, IHC: 1/100 - 1/200, IF/ICC: 1/50 - 1/100. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Synthetic peptide. N term -peptide of human HDAC1.

Purification: Affinity purified.

Form: Liquid

Isotype: IgG

Conjugation: Unconjugated

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Molecular Weight: Calculated MW: 55 kDa
Observed MW: 60 kDa

Swiss Prot: [Q13547](#)

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GeneID: [3065](#)

Gene Symbol: HDAC1

Concentration: > 1 mg/ml

Buffer: PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.

Note: This product is for research use only.