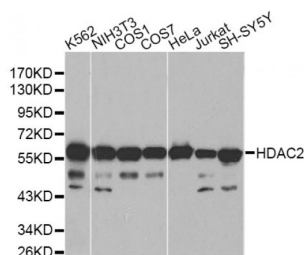


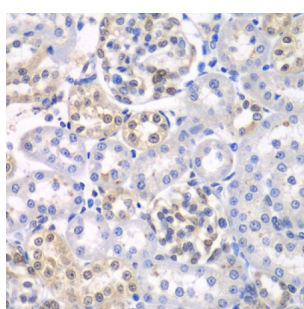
Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK
Telephone: +44 (0) 1223 755950 - Fax: +44 (0) 1223 755951 - E-Mail: info@abbexa.com

Histone Deacetylase 2 (HDAC2) Antibody

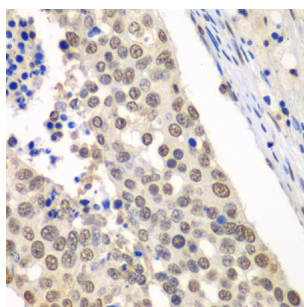
Catalogue No.: abx001696



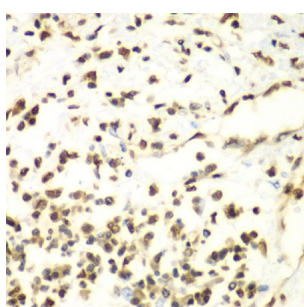
Western blot analysis of extracts of various cell lines, using HDAC2 antibody (abx001696) at 1/1000 dilution.



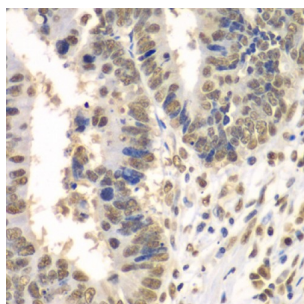
Immunohistochemistry of paraffin-embedded rat kidney using HDAC2 antibody (abx001696) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded human lung cancer using HDAC2 antibody (abx001696) at dilution of 1/100 (40x lens).

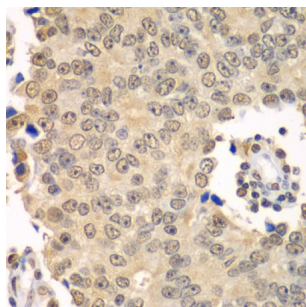


Immunohistochemistry of paraffin-embedded human liver cancer using HDAC2 antibody (abx001696) at dilution of 1/100 (40x lens).

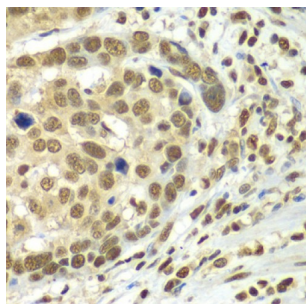


Immunohistochemistry of paraffin-embedded human colon carcinoma using HDAC2 antibody (abx001696) at dilution of 1/100 (40x lens).

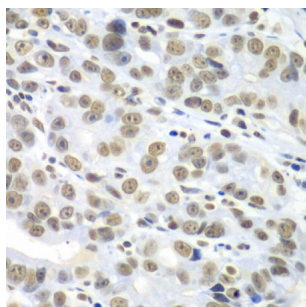
Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK
Telephone: +44 (0) 1223 755950 - Fax: +44 (0) 1223 755951 - E-Mail: info@abbexa.com



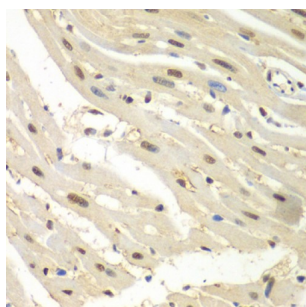
Immunohistochemistry of paraffin-embedded human prostate cancer using HDAC2 antibody (abx001696) at dilution of 1/100 (40x lens).



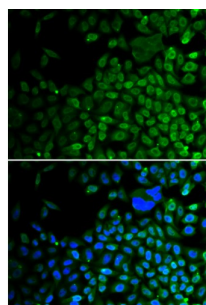
Immunohistochemistry of paraffin-embedded human esophageal cancer using HDAC2 antibody (abx001696) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded human gastric cancer using HDAC2 antibody (abx001696) at dilution of 1/100 (40x lens).

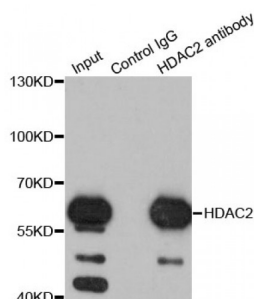


Immunohistochemistry of paraffin-embedded mouse heart using HDAC2 antibody (abx001696) at dilution of 1/100 (40x lens).



Immunofluorescence analysis of A549 cells using HDAC2 antibody (abx001696). Blue: DAPI for nuclear staining.

Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK
Telephone: +44 (0) 1223 755950 - Fax: +44 (0) 1223 755951 - E-Mail: info@abbexa.com



Immunoprecipitation analysis of 200 µg extracts of K562 cells using 1 µg HDAC2 antibody (abx001696). Western blot was performed from the immunoprecipitate using HDAC2 antibody (abx001696) at a dilution of 1/1000.

HDAC2 Antibody is a Rabbit Polyclonal antibody against HDAC2. 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.

Target: HDAC2

Reactivity: Human, Mouse, Rat, Monkey

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB, IHC, IF/ICC, IP

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

Immunogen: A synthetic peptide of human HDAC2.

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: 51 kDa/55 kDa
Observed MW: 56 kDa

Swiss Prot: [Q92769](#)

Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK
Telephone: +44 (0) 1223 755950 - Fax: +44 (0) 1223 755951 - E-Mail: info@abbexa.com

GeneID: [3066](#)

Gene Symbol: HDAC2

Concentration: > 1 mg/ml

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

Note: This product is for research use only.