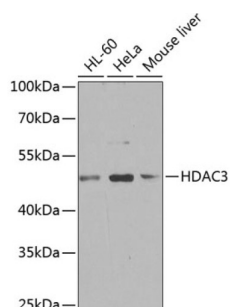
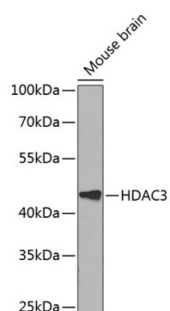


Histone Deacetylase 3 (HDAC3) Antibody

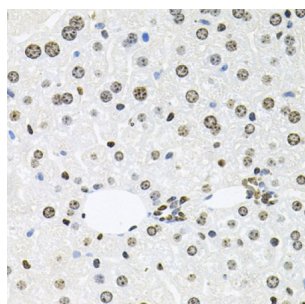
Catalogue No.: abx001751



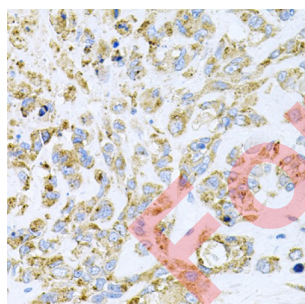
Western blot analysis of extracts of various cell lines using HDAC3 Antibody (1/1000 dilution).



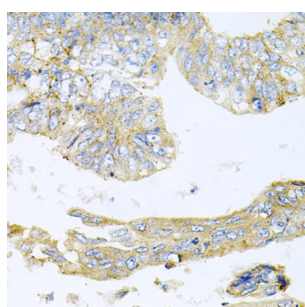
Western blot analysis of extracts of Mouse brain using HDAC3 Antibody (1/1000 dilution).



Immunohistochemistry of paraffin-embedded Mouse liver using HDAC3 Antibody (1/100 dilution, 40x lens).



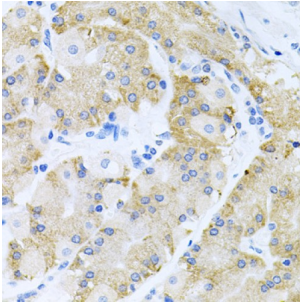
Immunohistochemistry of paraffin-embedded Human lung cancer using HDAC3 Antibody (1/100 dilution, 40x lens).



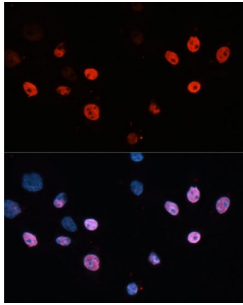
Immunohistochemistry of paraffin-embedded Human colon carcinoma using HDAC3 Antibody (1/100 dilution, 40x lens).

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Immunohistochemistry of paraffin-embedded Human stomach using HDAC3 Antibody (1/100 dilution, 40x lens).



Immunofluorescence analysis of HeLa cells using HDAC3 Antibody (1/100 dilution, 40x lens). Blue: DAPI for nuclear staining.

HDAC3 Antibody is a Rabbit Polyclonal antibody against HDAC3. Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene belongs to the histone deacetylase/acuc/apha family. It has histone deacetylase activity and represses transcription when tethered to a promoter. It may participate in the regulation of transcription through its binding with the zinc-finger transcription factor YY1. This protein can also down-regulate p53 function and thus modulate cell growth and apoptosis. This gene is regarded as a potential tumor suppressor gene.

Target: Histone Deacetylase 3 (HDAC3)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: WB, IHC, IF/ICC

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: A synthetic peptide corresponding to human HDAC3

Isotype: IgG

Form: Liquid

Datasheet

Version: 3.0.0
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Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O15379 (UniProt , ExPASy)
Gene Symbol:	HDAC3
GeneID:	8841
NCBI Accession:	NP_003874.2
Molecular Weight:	Calculated MW: 48 kDa/49 kDa Observed MW: 48 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only