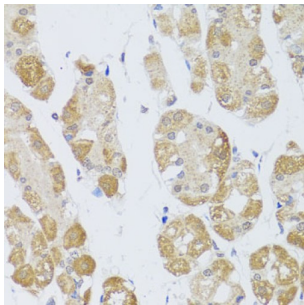
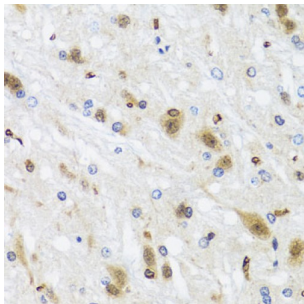


Histone Deacetylase 4 (HDAC4) Antibody

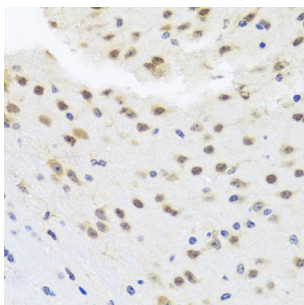
Catalogue No.: abx000624



Immunohistochemistry of paraffin-embedded Human stomach using HDAC4 Antibody (1/100 dilution, 40x lens).



Immunohistochemistry of paraffin-embedded Rat brain using HDAC4 Antibody (1/100 dilution, 40x lens).



Immunohistochemistry of paraffin-embedded Mouse brain using HDAC4 Antibody (1/100 dilution, 40x lens).

HDAC4 Antibody is a Rabbit Polyclonal antibody against HDAC4. 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 class II of the histone deacetylase/acuc/apha family. It possesses histone deacetylase activity and represses transcription when tethered to a promoter. This protein does not bind DNA directly, but through transcription factors MEF2C and MEF2D. It seems to interact in a multiprotein complex with RbAp48 and HDAC3.

Target: Histone Deacetylase 4 (HDAC4)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: IHC

Host: Rabbit

Datasheet

Version: 4.0.0
Revision date: 06 Mar 2025



Recommended dilutions: IHC-P: 1/50 - 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein corresponding to human HDAC4

Isotype: IgG

Form: Liquid

Purification: Purified by affinity chromatography.

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

UniProt Primary AC: P56524 ([UniProt](#), [ExPASy](#))

Gene Symbol: HDAC4

GeneID: [9759](#)

NCBI Accession: NP_006028.2

KEGG: hsa:9759

String: [9606.ENSP00000264606](#)

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.