

Anti HDAC4 Antibody

Catalog No: tcsa12796



Available Sizes

Size: 100μl



Specifications

Application:

WB, IHC, IF

Species Reactivity:

Human, Mouse, Rat

Host Species:

Rabbit

Immunogen / Amino acids:

A synthetic peptide of human HDAC4

Conjugation:

Unconjugated

Clonality:

Polyclonal

Isotype:

IgG

Form:

Liquid

Storage 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 - 1:200

Storage Instruction:

Store at -20C. Avoid freeze / thaw cycles.

Alternative Names:

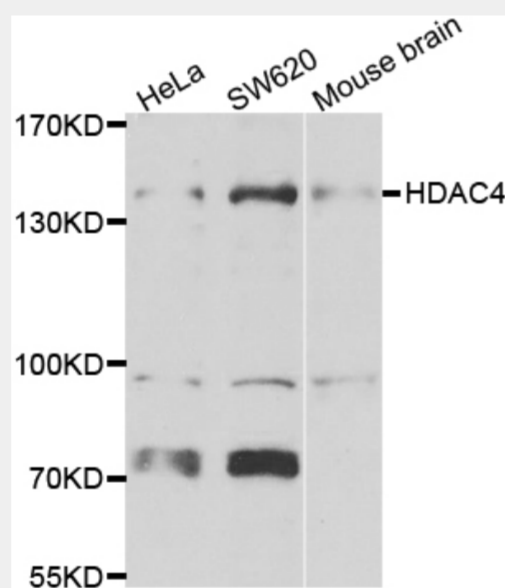
HDAC4 antibody; Histone deacetylase 4 antibody; HD4 antibody; HDAC4 antibody; KIAA0288 antibody

SwissProt:

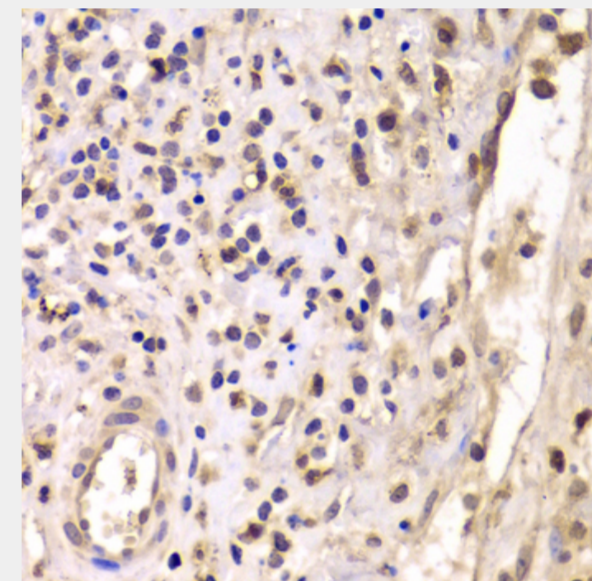
P56524

Product Description

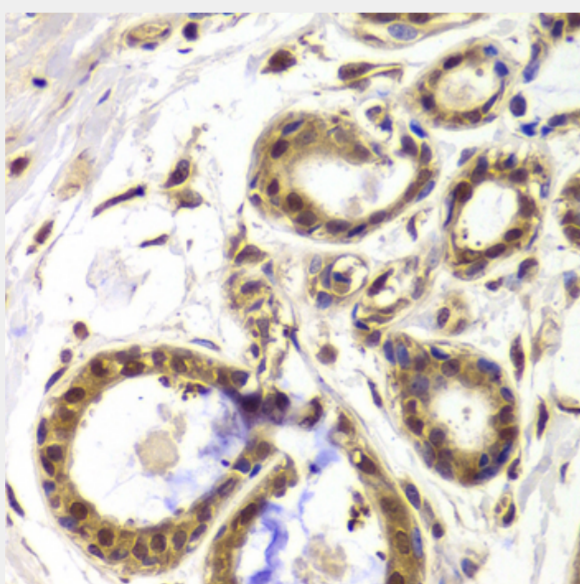
Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene belongs to class II of the histone deacetylase/acuc/apha 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.



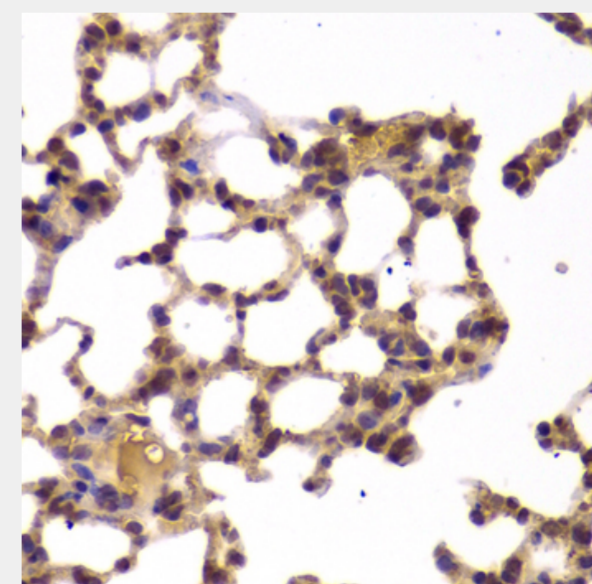
Western blot analysis of extracts of various cell lines, using HDAC4 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.



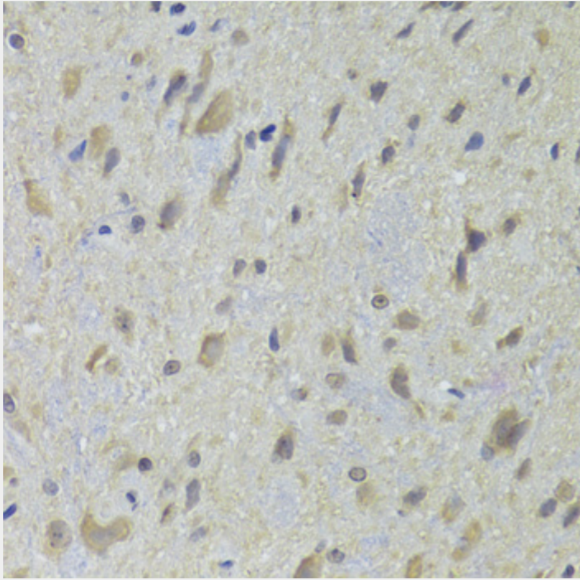
Immunohistochemistry of paraffin-embedded human breast cancer using HDAC4 Antibody at dilution of 1:100 (40x lens).



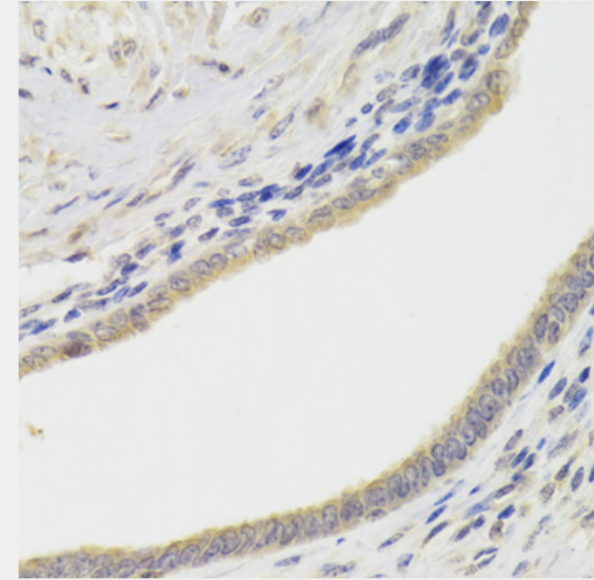
Immunohistochemistry of paraffin-embedded human breast using HDAC4 Antibody at dilution of 1:100 (40x lens).



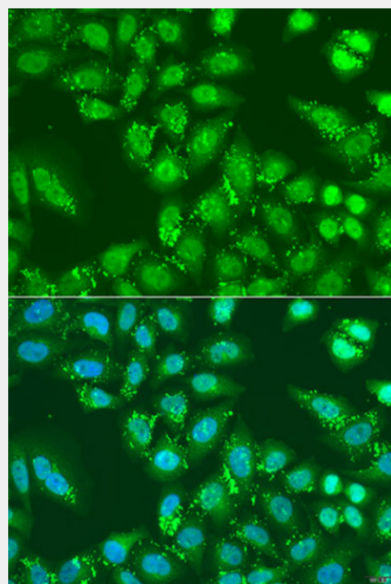
Immunohistochemistry of paraffin-embedded mouse lung using HDAC4 Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat spinal cord using HDAC4 Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human adenomyosis using HDAC4 Antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of U2OS cells using HDAC4 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!