

Anti-HDAC3 Polyclonal Antibody

Cat: AC51420

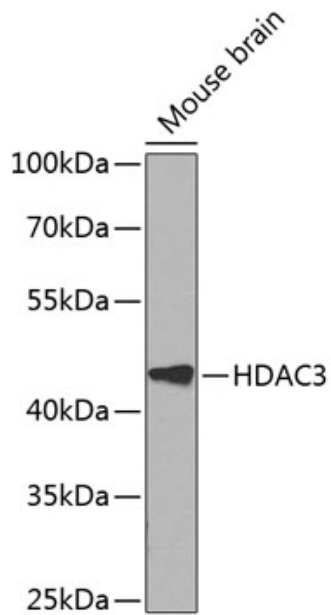
Summary:

- 【Product name】** : Anti-HDAC3 antibody **【Source】** : Rabbit
【Isotype】 : IgG **【Species reactivity】** : Human Mouse
【Swiss Prot】 : O15379 **【Gene ID】** : 8841
【Calculated】 : MW:49kDa **【Observed】** : MW:46kDa
【Purification】 : Affinity purification
【Tested applications】 : WB, IHC
【Recommended dilution】 : WB 1:500-2000. IHC 1:50-200.
【WB Positive sample】 : Mouse brain
【IHC Positive sample】 : Mouse liver tissue
【Subcellular location】 : Cytoplasm Nucleus cytosol
【Immunogen】 : A synthetic peptide of human HDAC3
【Storage】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C

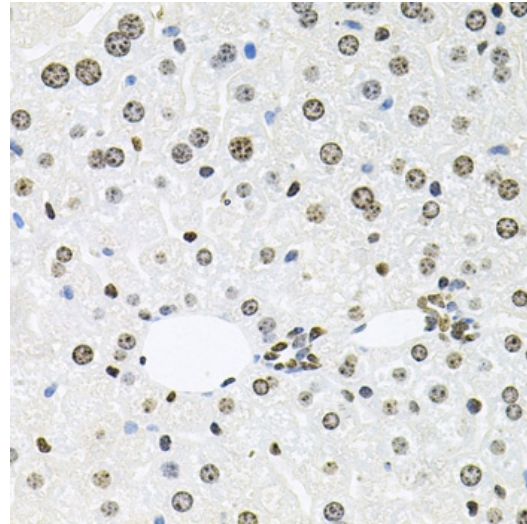
Background:

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.

Verified picture



Western blot analysis with HDAC3 antibody
diluted at 1:1000



Immunohistochemistry of paraffin-embedded
Mouse liver tissue with HDAC3 antibody
diluted at 1:100