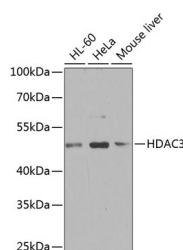


HDAC3 Polyclonal Antibody

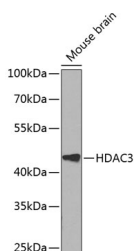
Catalog No.	E-AB-64237	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC,IF	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

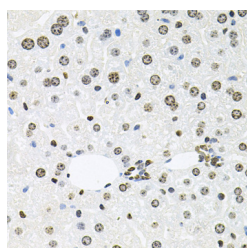
Images



Western blot analysis of extracts of various cell lines using HDAC3 Polyclonal Antibody at dilution of 1:1000.



Western blot analysis of extracts of Mouse brain using HDAC3 Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Mouse liver using HDAC3 Polyclonal Antibody at dilution of 1:100 (40x lens).

Immunogen Information

Immunogen	A synthetic peptide of human HDAC3 (NP_003874.2).
GeneID	8841
Swissprot	O15379
Synonyms	HD3,RPD3,RPD3-2,HDAC3

Product Information

Calculated MW	48kDa/49kDa
Observed MW	48kDa
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purify	Affinity purification
Dilution	WB 1:500-1:2000 IHC 1:50-1:200 IF 1:50-1:200

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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.