HDAC3 Recombinant antibody

Cat:B36229S

Company: HaoKebio

Uniprot ID:O15379

Organism: Rabbit

Species reactivity: Human Mouse Rat

Molecular Weight Calculation: 49 kDa

Observed Molecular Weight: 49 kDa

Applications: IHC:1:50-1:500

IHC-Polymer:1:200-1:2000

IHC-TSA:1:250-1:2500

WB:1:5000-1:50000

Background:

Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. Histone deacetylase (HDAC) and histone acetyltransferase (HAT) are enzymes that regulate transcription by selectively deacetylating or acetylating the (-amino groups of lysines located near the amino termini of core histone proteins. At least 4 classes of HDAC were identified. HDAC3 is a class I HDAC. HDAC3 has histone deacetylase activity and may participate in the regulation of transcription through its binding with the zinc-finger transcription factor YY1. HDAC3 can also down-regulate p53 function and thus modulate cell growth and apoptosis. The gene encoding HDAC3 is regarded as a potential tumor suppressor gene.

Synonyms:

2N1, EC:3.5.1.-, EC:3.5.1.98, HDAC 3, Histone deacetylase 3

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Nucleus,Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02%sodium azide,100 μg/ml BSA and 50% glycerol.

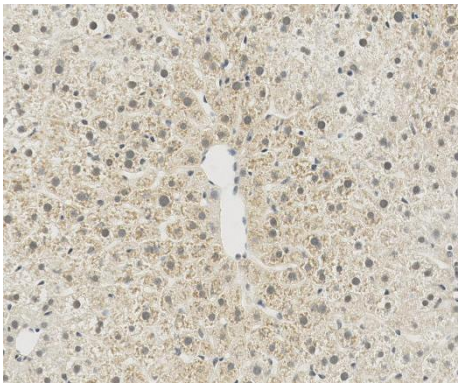
Storage:

Store at -20 ℃ for one year.

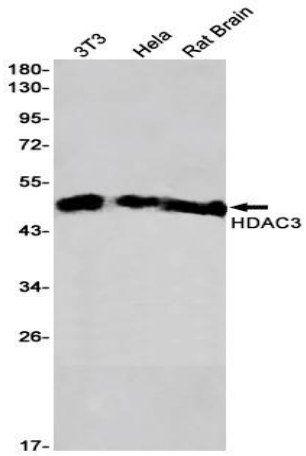
Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes.Incubate antibody, 4℃ overnight.Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Mouse brain, 4% PFA 12-24h



Dilution of 1:10000 incubated at room temperature for 1.5 hours.

Source of Reagents:

发表[中文论文]请标注:HDAC3(B36229S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:HDAC3(B36229S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.