

HDAC3 Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0669
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant human HDAC3 protein fragments expressed in E.coli.
Mol wt	N/A
Species reactivity	Human,Mouse,Rat,Dog,Pig,Rabbit
Clonality	Monoclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	Histone deacetylase 3
Synonyms	HDAC3; Histone deacetylase 3; HD3; RPD3-2; SMAP45

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

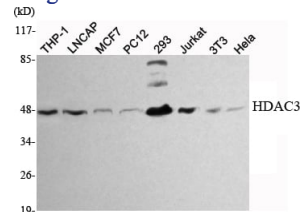
Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene belongs to the histone deacetylase/acuc/apha family.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

Recommended Dilution

WB: 1:1000 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using HDAC3 Monoclonal antibody against THP-1, LNCAP, MCF7, PC12, 293, Jurkat, 3T3, HeLa cell lysate.

Storage

-20°C for one year