

HDAC4 Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0670
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant human HDAC4 (N-terminus) protein fragments expressed in E.coli.
Mol wt	N/A
Species reactivity	Human,Mouse,Rat
Clonality	Monoclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	Histone deacetylase 4
Synonyms	HDAC4; KIAA0288; Histone deacetylase 4; HD4

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

Background

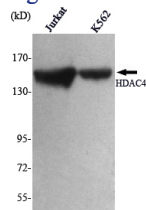
Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene belongs to class II of the histone deacetylase/acuc/apha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

Recommended Dilution

WB: 1:1000 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using HDAC4 Monoclonal antibody against Jurkat, K562 cell lysate.

Storage

-20°C for one year