

## HDAC4 Recombinant Rabbit mAb

Catalog Number: bsm-52085R

Target Protein: HDAC4

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Recombinant

Clone No.: 6B10

Isotype: IgG

Applications: WB (1:1000-2000)

Reactivity: Human, Mouse, Rat

Predicted MW: 140 kDa

Entrez Gene: 9759

Swiss Prot: P56524

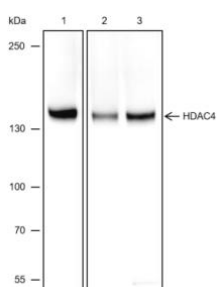
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**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. [provided by RefSeq, Jul 2008].

### VALIDATION IMAGES



Blocking buffer: 5% NFDM/TBST Primary ab dilution: 1:1000 Primary ab incubation condition: 2 hours at room temperature Secondary ab: Goat Anti-Rabbit IgG H&L (HRP) Lysate: 1: HeLa, 2: BRL, 3: NIH/3T3 Protein loading quantity: 20 µg Exposure time: 30 s Predicted MW: 119kDa Observed MW: 140 kDa