

**bsm-52085R****[ Primary Antibody ]****BioSS**  
ANTIBODIES

www.bioss.com.cn

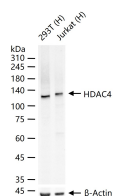
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

**HDAC4 Recombinant Rabbit mAb****— DATASHEET —**

|  |                       |   |
|--|-----------------------|---|
| <b>Host:</b> Rabbit  | <b>Isotype:</b> IgG   | <b>Applications:</b> WB (1:500-2000)            |
| <b>Clonality:</b> Recombinant  | <b>CloneNo.:</b> 6B10 | <b>Reactivity:</b> Human                        |
| <b>GeneID:</b> 9759  | <b>SWISS:</b> P56524  |   |
| <b>Target:</b> HDAC4   |                       |   |
| <b>Purification:</b> affinity purified by Protein A  |                       |   |
| <b>Concentration:</b> 1mg/ml   |                       | <b>Predicted MW.:</b> 140 kDa                   |
| <b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.<br>Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.   |                       | <b>Subcellular Location:</b> Cytoplasm ,Nucleus |
| <b>Background:</b> 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 —**

25 ug total protein per lane of various lysates (see on figure) probed with HDAC4 monoclonal antibody, unconjugated (bsm-52085R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.