

## HDAC4 (14G14) Rabbit Monoclonal Antibody

Catalog# UZ-MA02089

### Product information

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| 产品货号                | UZ-MA02089                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 别名                  | Histone deacetylase 4; HD4; HDAC4; AHO3; BDMR;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 产品名称                | HDAC4 (14G14) Rabbit Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 纯度                  | Affinity-chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 类别                  | 抗体产品                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 基因名称                | HDAC4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 推荐应用                | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 反应种属                | Human,Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 存储缓冲液               | Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Human Gene ID       | 9759                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Human Swissprot No. | P56524                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 免疫原                 | Recombinant protein of human HDAC4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 稀释度                 | WB 1:1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 参考分子量               | 140kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 预测分子量               | 119kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 运输及保存条件             | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 宿主                  | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 同种型                 | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 注意事项                | HDAC4 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 细胞定位                | Nucleus. Cytoplasm. Note=Shuttles between the nucleus and the cytoplasm. Upon muscle cells differentiation, it accumulates in the nuclei of myotubes, suggesting a positive role of nuclear HDAC4 in muscle differentiation. The export to cytoplasm depends on the interaction with a 14-3-3 chaperone protein and is due to its phosphorylation at Ser-246, Ser-467 and Ser-632 by CaMK4 and SIK1. The nuclear localization probably depends on sumoylation Interaction with SIK3 leads to HDAC4 retention in the cytoplasm (By similarity). {ECO:0000250 UniProtKB:Q6NZM9} |
| Clonality           | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |