

产品名称: HDAC4 Mouse Monoclonal Antibody  
产品货号: AMM84995



## 产品概述 (Summary)

|                        |                                 |
|------------------------|---------------------------------|
| 产品名称 (Production Name) | HDAC4 Mouse Monoclonal Antibody |
| 描述 (Description)       | Mouse monoclonal Antibody       |
| 宿主 (Host)              | Mouse                           |
| 应用 (Application)       | WB,IP                           |
| 种属反应性 (Reactivity)     | Human,Mouse,Rat,Monkey          |

## 产品性能 (Performance)

|                     |                                                                                           |
|---------------------|-------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                              |
| 修饰 (Modification)   | Unmodified                                                                                |
| 同种型 (Isotype)       | Mouse IgG2a                                                                               |
| 克隆 (Clonality)      | Monoclonal                                                                                |
| 形式 (Form)           | Liquid                                                                                    |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.  |
| 储存溶液 (Buffer)       | Purified antibody in PBS with 0.05% sodium azide,0.5%protective protein and 50% glycerol. |
| 纯化方式 (Purification) | Affinity Purification                                                                     |

## 免疫原信息 (Immunogen)

|                        |                                                                                                                                    |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | HDAC4                                                                                                                              |
| 别名 (Alternative Names) | EC 3.5.1.98; HA6116; HD 4; HD4; HDAC 4; HDAC A; HDAC4; HDAC4_HUMAN; HDACA; Histone Deacetylase 4; Histone Deacetylase A; KIAA0288. |
| 基因 ID (Gene ID)        | 9759.0                                                                                                                             |
| 蛋白 ID (SwissProt ID)   | P56524.Purified recombinant human HDAC4 protein fragments expressed in E.coli                                                      |

## 产品应用 (Application)

|                          |                                              |
|--------------------------|----------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:1000,IP 1:20-1:50                 |
| 蛋白分子量 (Molecular Weight) | Calculated MW: 119 kDa; Observed MW: 140 kDa |

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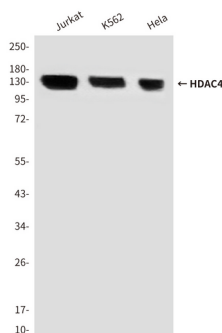


## 研究背景 (Background)

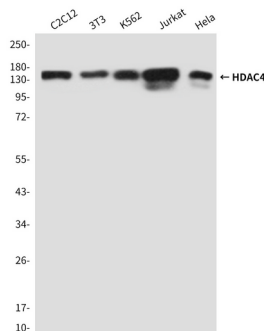
Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes. Involved in muscle maturation via its interaction with the myocyte enhancer factors such as MEF2A, MEF2C and MEF2D.

## 研究领域 (Research Area)

## 图片 (Image Data)

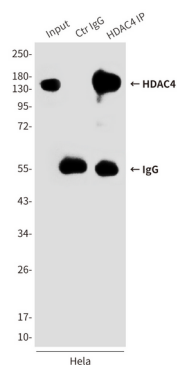


Western blot analysis of HDAC4 in Jurkat, HeLa and K562 lysates using HDAC4 antibody.



Western blot analysis of HDAC4 in C2C12, 3T3, K562, Jurkat and HeLa lysates using HDAC4 antibody.

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Immunoprecipitation analysis of HDAC4 in HeLa lysates using HDAC4 antibody.

### 注意事项 (Note)

For research use only .