

产品名称: HDAC3 (3G3) Mouse Monoclonal Antibody  
产品货号: AMM03478



## 产品概述 (Summary)

|                        |                                       |
|------------------------|---------------------------------------|
| 产品名称 (Production Name) | HDAC3 (3G3) Mouse Monoclonal Antibody |
| 描述 (Description)       | Mouse monoclonal Antibody             |
| 宿主 (Host)              | Mouse                                 |
| 应用 (Application)       | WB                                    |
| 种属反应性 (Reactivity)     | Human,Mouse,Rat                       |

## 产品性能 (Performance)

|                     |                                                                                                |
|---------------------|------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                   |
| 修饰 (Modification)   | Unmodified                                                                                     |
| 同种型 (Isotype)       | IgG1                                                                                           |
| 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)       | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3. |
| 纯化方式 (Purification) | Affinity Purification                                                                          |

## 免疫原信息 (Immunogen)

|                        |                                                   |
|------------------------|---------------------------------------------------|
| 基因名 (Gene Name)        | HDAC3                                             |
| 别名 (Alternative Names) | HDAC3; Histone deacetylase 3; HD3; RPD3-2; SMAP45 |
| 基因 ID (Gene ID)        | 8841                                              |
| 蛋白 ID (SwissProt ID)   | O15379.                                           |

## 产品应用 (Application)

|                          |                                            |
|--------------------------|--------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:1000                            |
| 蛋白分子量 (Molecular Weight) | Calculated MW: 49 kDa; Observed MW: 49 kDa |

## 研究背景 (Background)

HDAC3 is a nuclear and cytoplasmic protein that deacetylates both histone (H2A, H3, H4) and non-histone substrates (RelA,

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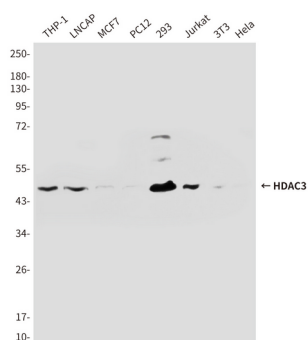


SRY, p53, MEF2, PCAF and p300/CBP). HDAC3 deacetylase activity is stimulated by interactions with the N-CoR and SMRT co-repressor proteins. Together, these three proteins form a functional complex that represses transcription associated with nuclear hormone receptors and other transcription factors, including Rev-Erb, COUP-TF, DAX1, MAD and Pit-1.

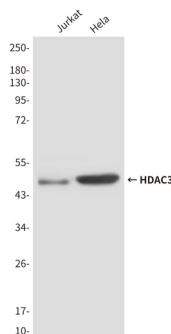
## 研究领域 (Research Area)

Epigenetics and Nuclear Signaling

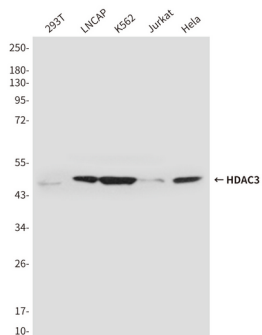
## 图片 (Image Data)



Western blot analysis of HDAC3 in THP-1, LNCAP, MCF-7, PC-12, 293, Jurkat, 3T3 and Hela lysates using HDAC3 antibody.



Western blot analysis of HDAC3 (3G3) in Jurkat and Hela lysates using HDAC3 antibody.



Western blot analysis of HDAC3 (3G3) in HDAC3 knock down 293T, wildtype (WT), K562, Jurkat and Hela lysates using

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HDAC3 antibody.

**注意事项 (Note)**

For research use only .