

产品名称: C14orf169/NO66 Rabbit Monoclonal Antibody  
产品货号: AMRe86570



## 产品概述 (Summary)

|                        |                                           |
|------------------------|-------------------------------------------|
| 产品名称 (Production Name) | C14orf169/NO66 Rabbit Monoclonal Antibody |
| 描述 (Description)       | Recombinant rabbit monoclonal antibody    |
| 宿主 (Host)              | Rabbit                                    |
| 应用 (Application)       | WB,IP                                     |
| 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)       | IgG                                                                                                                                                          |
| 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)       | Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt. |
| 纯化方式 (Purification) | Affinity Purification                                                                                                                                        |

## 免疫原信息 (Immunogen)

|                        |                                                   |
|------------------------|---------------------------------------------------|
| 基因名 (Gene Name)        | C14orf169/NO66                                    |
| 别名 (Alternative Names) | ROX; NO66; JMJD9; MAPJD; URLC2; hsNO66; C14orf169 |
| 基因 ID (Gene ID)        | 79697                                             |
| 蛋白 ID (SwissProt ID)   | Q9H6W3.                                           |

## 产品应用 (Application)

|                          |                                          |
|--------------------------|------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,IP 1:50-1:100            |
| 蛋白分子量 (Molecular Weight) | Calculated MW:71 kDa; Observed MW:71 kDa |

## 研究背景 (Background)

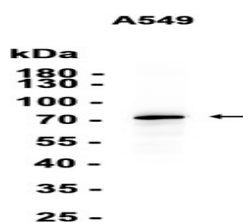
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Oxygenase that can act as both a histone lysine demethylase and a ribosomal histidine hydroxylase. Specifically demethylates 'Lys-4' (H3K4me) and 'Lys-36' (H3K36me) of histone H3, thereby playing a central role in histone code. Preferentially demethylates trimethylated H3 'Lys-4' (H3K4me3) and monomethylated H3 'Lys-4' (H3K4me1) residues, while it has weaker activity for dimethylated H3 'Lys-36' (H3K36me2). Also catalyzes the hydroxylation of 60S ribosomal protein L8 on 'His-216'. Acts as a regulator of osteoblast differentiation via its interaction with SP7/OSX by demethylating H3K4me and H3K36me, thereby inhibiting SP7/OSX-mediated promoter activation (By similarity). May also play a role in ribosome biogenesis and in the replication or remodeling of certain heterochromatic region. Participates in MYC-induced transcriptional activation.

## 研究领域 (Research Area)

## 图片 (Image Data)



Western blot analysis of extracts from A549 cells using AMRe86570 at 1:1000.

## 注意事项 (Note)

For research use only .