

**产品名称:** Carbonic anhydrase 2 (13N16) Rabbit Monoclonal Antibody  
**产品货号:** AMRe07920



## 产品概述 (Summary)

|                        |                                                         |
|------------------------|---------------------------------------------------------|
| 产品名称 (Production Name) | Carbonic anhydrase 2 (13N16) Rabbit Monoclonal Antibody |
| 描述 (Description)       | Recombinant rabbit monoclonal antibody                  |
| 宿主 (Host)              | Rabbit                                                  |
| 应用 (Application)       | WB,IHC,IF-P                                             |
| 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)       | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle. |
| 纯化方式 (Purification) | Affinity purification                                                                                                                                                                        |

## 免疫原信息 (Immunogen)

|                        |                                                                                                               |
|------------------------|---------------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | CA2                                                                                                           |
| 别名 (Alternative Names) | Carbonic anhydrase 2; Carbonate dehydratase II; Carbonic anhydrase C; CAC; Carbonic anhydrase II; CA-II; CA2; |
| 基因 ID (Gene ID)        | 760.0                                                                                                         |
| 蛋白 ID (SwissProt ID)   | P00918.                                                                                                       |

## 产品应用 (Application)

|                          |                                                     |
|--------------------------|-----------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:1000-1:5000,IHC 1:200-1:2000,IF-P 1:200-1:2000 |
| 蛋白分子量 (Molecular Weight) | 29kDa                                               |

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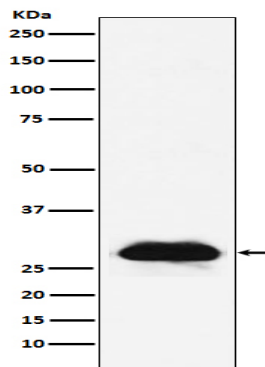
### 研究背景 (Background)

Essential for bone resorption and osteoclast differentiation (By similarity). Reversible hydration of carbon dioxide. Can hydrates cyanamide to urea. Involved in the regulation of fluid secretion into the anterior chamber of the eye. Essential for bone resorption and osteoclast differentiation (By similarity). Reversible hydration of carbon dioxide. Can hydrate cyanamide to urea. Involved in the regulation of fluid secretion into the anterior chamber of the eye. Contributes to intracellular pH regulation in the duodenal upper villous epithelium during proton- coupled peptide absorption. Stimulates the chloride-bicarbonate exchange activity of SLC26A6.

### 研究领域 (Research Area)

Nitrogen metabolism;

### 图片 (Image Data)



Western blot analysis of Carbonic anhydrase 2 expression in A431 cell lysate.

### 注意事项 (Note)

For research use only .