

产品名称: Chromogranin A Rabbit Monoclonal Antibody  
产品货号: AMRe21490



## 产品概述 (Summary)

|                        |                                           |
|------------------------|-------------------------------------------|
| 产品名称 (Production Name) | Chromogranin A Rabbit Monoclonal Antibody |
| 描述 (Description)       | Recombinant rabbit monoclonal antibody    |
| 宿主 (Host)              | Rabbit                                    |
| 应用 (Application)       | WB,IHC,ICC/IF,ELISA,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,Kappa                                                                                |
| 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)       | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protective protein                           |
| 纯化方式 (Purification) | Protein A                                                                                |

## 免疫原信息 (Immunogen)

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | Chromogranin A<br>beta Granin;betagranin;N-terminal fragment of chromogranin A;catestatin;CgA;CHG A;Chga;chromofungin;Chromogranin A;Chromogranin A parathyroid secretory protein 1;Chromogranin A precursor;ChromograninA;CMGA_HUMAN;ER-37;Pancreastatin;Parastatin;Parathyroid secretory protein 1;Pituitary secretory protein I;Secretory protein I;SP I;SP-I;SP1;SPI;vasostatin 2;Vasostatin;Vasostatin I;Vasostatin II;vasostatin-2 |
| 别名 (Alternative Names) |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 基因 ID (Gene ID)        | 1113.0                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 蛋白 ID (SwissProt ID)   | P10645.                                                                                                                                                                                                                                                                                                                                                                                                                                  |

## 产品应用 (Application)

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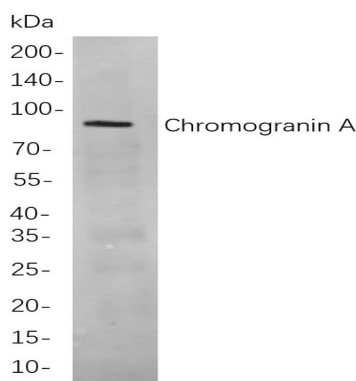
|                          |                                                                                          |
|--------------------------|------------------------------------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:1000-1:5000,IHC 1:200-1:1000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200 |
| 蛋白分子量 (Molecular Weight) | Calculated MW:51kD;Observed MW:80kD                                                      |

## 研究背景 (Background)

Cell localization:Secreted.The protein encoded by this gene is a member of the chromogranin/secretogranin family of neuroendocrine secretory proteins. It is found in secretory vesicles of neurons and endocrine cells. This gene product is a precursor to three biologically active peptides; vasostatin, pancreastatin, and parastatin. These peptides act as autocrine or paracrine negative modulators of the neuroendocrine system. Two other peptides, catestatin and chromofungin, have antimicrobial activity and antifungal activity, respectively. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2014],

## 研究领域 (Research Area)

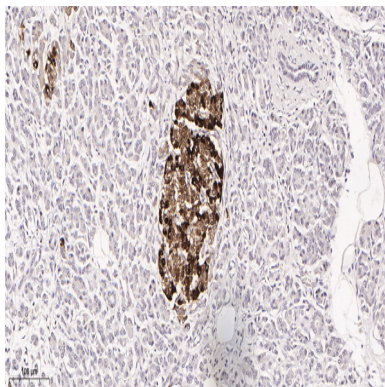
## 图片 (Image Data)



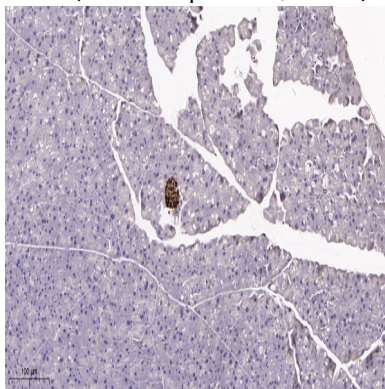
Western blot analysis of lysates from SH-SY5Y

cells, using Chromogranin A Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.

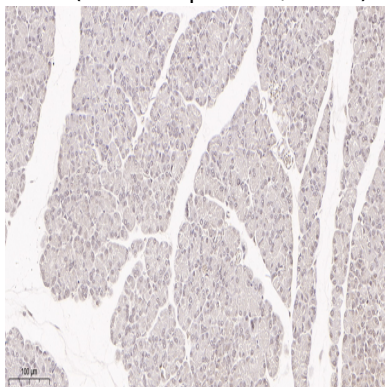
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Immunohistochemical analysis of paraffin-embedded Human pancreas tissue. 1, primary Antibody was diluted at 1:200(4°C,overnight). 2, EDTA pH 9.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



Immunohistochemical analysis of paraffin-embedded Mouse pancreas tissue. 1, primary Antibody was diluted at 1:200(4°C,overnight). 2, EDTA pH 9.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



Immunohistochemical analysis of paraffin-embedded Rat pancreas tissue. 1, primary Antibody was diluted at 1:200(4°C,overnight). 2, EDTA pH 9.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min).

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**注意事项 (Note)**

For research use only .