

产品名称: Calpain 1 (19K17) Rabbit Monoclonal Antibody  
产品货号: AMRe07863



## 产品概述 (Summary)

|                        |                                              |
|------------------------|----------------------------------------------|
| 产品名称 (Production Name) | Calpain 1 (19K17) Rabbit Monoclonal Antibody |
| 描述 (Description)       | Recombinant rabbit monoclonal antibody       |
| 宿主 (Host)              | Rabbit                                       |
| 应用 (Application)       | WB,IHC,ICC/IF,FC                             |
| 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)        | CAPN1                                                                                                         |
| 别名 (Alternative Names) | Calpain-1 catalytic subunit; CANP; CANP small subunit; CANPL1; CAPN1; Micromolar Calpain; Mu Calpain; muCANP; |
| 基因 ID (Gene ID)        | 823.0                                                                                                         |
| 蛋白 ID (SwissProt ID)   | P07384.                                                                                                       |

## 产品应用 (Application)

|                          |                                                                  |
|--------------------------|------------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:1000-1:5000,IHC 1:100-1:200,ICC/IF 1:20-1:50,FC 1:200-1:500 |
| 蛋白分子量 (Molecular Weight) | 82kDa                                                            |

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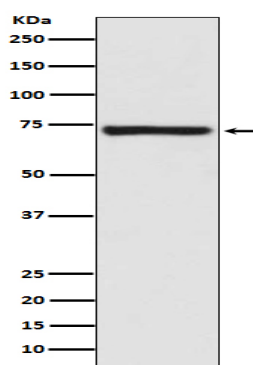
## 研究背景 (Background)

Calcium-regulated non-lysosomal thiol-protease which catalyze limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction. Calcium-regulated non-lysosomal thiol-protease which catalyzes limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction (PubMed:[21531719](http://www.uniprot.org/citations/21531719), PubMed:[2400579](http://www.uniprot.org/citations/2400579)). Proteolytically cleaves CTBP1 at 'Asn-375', 'Gly-387' and 'His-409' (PubMed:[23707407](http://www.uniprot.org/citations/23707407)).

## 研究领域 (Research Area)

Signal Transduction; Signaling Pathway; Calcium Signaling; Calpain; Cell Biology; Proteolysis / Ubiquitin; Proteolytic enzymes; Cysteine protease

## 图片 (Image Data)



Western blot analysis of Calpain 1 expression in Human fetal kidney lysate.

## 注意事项 (Note)

For research use only .