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# Cleaved Caspase-1 Rabbit mAb

货号: **AYM29495**

## 产品信息

|       |   |
|-------|---|
| 反应    | Human,Mouse,Rat   |
| 宿主    | Rabbit  |
| 克隆性   | Monoclonal  |
| 预测反应  |   |
| 应用    | WB IP   |
| 推荐浓度  | <b>WB:</b> 1:500 - 1:2000<br><b>IP:</b> 1:20 - 1:50   |
| 理论分子量 | 10kDa/29kDa/35kDa/42kDa/45kDa   |
| 实测分子量 | 45,42,35,12,10kDa   |
| 形式    | Liquid  |
| 保存条件  | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3. |
| 偶联物   | Unconjugated  |
| 阳性对照  | THP-1   |
| 细胞定位  | Cytoplasm   |
| 纯化    | Affinity purification   |

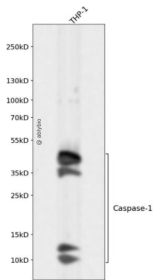
## 抗原信息

|      |  |
|------|--|
| 抗原信息 | Recombinant fusion protein corresponding to Human Caspase-1. |
|------|--|

## 靶点信息

|       |   |
|-------|---|
| 研究背景  | This gene encodes a protein which is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce 2 subunits, large and small, that dimerize to form the active enzyme. This gene was identified by its ability to proteolytically cleave and activate the inactive precursor of interleukin-1, a cytokine involved in the processes such as inflammation, septic shock, and wound healing. This gene has been shown to induce cell apoptosis and may function in various developmental stages. Studies of a similar gene in mouse suggest a role in the pathogenesis of Huntington disease. Alternative splicing results in transcript variants encoding distinct isoforms. |
| 基因ID  | 834   |
| 基因名   | CASP1   |
| Swiss | P29466 ( <a href="https://www.uniprot.org/uniprotkb/P29466/entry">https://www.uniprot.org/uniprotkb/P29466/entry</a> )  |
| 别名    | Caspase-1,Cleaved Caspase-1 Rabbit mAb,CASP1,Caspase-1 Rabbit mAb,Interleukin-1 beta convertase,Interleukin-1 beta-converting enzyme,p45,IL1BC,IL1BCE   |

## 产品验证



Western blot analysis of Caspase-1 expressed in THP-1 using Caspase-1 Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

访问官网浏览详情: [www.ablybio.cn](http://www.ablybio.cn) (<https://www.ablybio.cn/www.ablybio.cn>)