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# Phospho-Creb (S133) Rabbit mAb

货号: **AYM28495**

## 产品信息

|       |  |
|-------|--|
| 反应    | Human,Mouse,Rat  |
| 宿主    | Rabbit   |
| 克隆性   | Monoclonal   |
| 预测反应  |  |
| 应用    | WB IHC IP FC ICC/IF  |
| 推荐浓度  | <b>WB:</b> 1:500 - 1:2000<br><b>IHC:</b> 1:50 - 1:200<br><b>IF/ICC:</b> 1:50 - 1:200<br><b>IP:</b> 1:20 - 1:50<br><b>FC:</b> 1:20 - 1:50 |
| 理论分子量 | 25kDa/35kDa/36kDa  |
| 实测分子量 | 46kDa  |
| 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  | A-431  |
| 细胞定位  | Nucleus  |
| 纯化    | Affinity purification  |

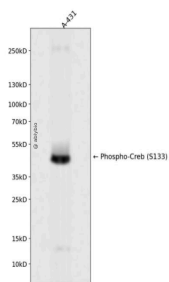
## 抗原信息

|      |  |
|------|--|
| 抗原信息 | Recombinant fusion protein corresponding to Human Phospho-Creb (S133). |
|------|--|

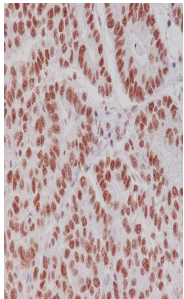
## 靶点信息

|       |  |
|-------|--|
| 研究背景  | This gene encodes a transcription factor that is a member of the leucine zipper family of DNA binding proteins. This protein binds as a homodimer to the cAMP-responsive element, an octameric palindrome. The protein is phosphorylated by several protein kinases, and induces transcription of genes in response to hormonal stimulation of the cAMP pathway. Alternate splicing of this gene results in several transcript variants encoding different isoforms. |
| 基因ID  | 1385   |
| 基因名   | CREB1  |
| Swiss | P16220 ( <a href="https://www.uniprot.org/uniprotkb/P16220/entry">https://www.uniprot.org/uniprotkb/P16220/entry</a> )   |
| 别名    | Phospho-Creb (S133),Active transcription factor CREB,cAMP response element binding protein 1,cAMP response element binding protein,cAMP responsive element binding protein 1,cAMP-responsive element-binding protein 1,CREB,CREB-1,CREB1,CREB1_HUMAN,Cyclic AMP-responsive element-binding protein 1,Phospho-Creb (S133) Rabbit mAb  |

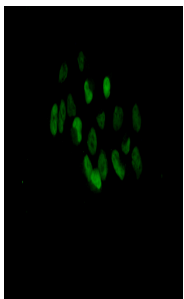
## 产品验证



Western blot analysis of Phospho-Creb (S133) expressed in A-431 using Phospho-Creb (S133) 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.



Immunohistochemical analysis of paraffin-embedded human gastric carcinoma, using Phospho-Creb (S133) Antibody.



Immunofluorescence analysis of HeLa cells labelling AKT1/2/3 with . The cells were fixed with cold 100% methanol (10min, 4°C) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with Goat Anti-Rabbit IgG Fluor488 (1:200, shown in green) at room temperature for 1h.

## 实验步骤

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