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# CRYBA4 Rabbit pAb

**货号: AYP18545**

## 产品信息

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|---|---|
| 反应 | Human |
| 宿主 | Rabbit |
| 克隆性 | Polyclonal |
| 预测反应 | |
| 应用 | WB |
| 推荐浓度 | **WB:** 1:200 - 1:2000 |
| 理论分子量 | 22kDa |
| 实测分子量 | 22kDa |
| 形式 | Liquid |
| 保存条件 | Store at -20℃. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | 293T,HeLa |
| 细胞定位 | |
| 纯化 | Affinity purification |

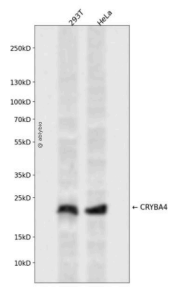
## 抗原信息

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| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 1-196 of human CRYBA4 (NP_001877.1). |

## 靶点信息

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| 研究背景 | Crystallins are separated into two classes: taxon-specific, or enzyme, and ubiquitous. The latter class constitutes the major proteins of vertebrate eye lens and maintains the transparency and refractive index of the lens. Since lens central fiber cells lose their nuclei during development, these crystallins are made and then retained throughout life, making them extremely stable proteins. Mammalian lens crystallins are divided into alpha, beta, and gamma families; beta and gamma crystallins are also considered as a superfamily. Alpha and beta families are further divided into acidic and basic groups. Seven protein regions exist in crystallins: four homologous motifs, a connecting peptide, and N- and C-terminal extensions. Beta-crystallins, the most heterogeneous, differ by the presence of the C-terminal extension (present in the basic group, none in the acidic group). Beta-crystallins form aggregates of different sizes and are able to self-associate to form dimers or to form heterodimers with other beta-crystallins. This gene, a beta acidic group member, is part of a gene cluster with beta-B1, beta-B2, and beta-B3. |
| 基因ID | 1413 |
| 基因名 | CRYBA4 |
| Swiss | P53673 (https://www.uniprot.org/uniprotkb/P53673/entry) |
| 别名 | CRYBA4,CTRCT23,CYRBA4,MCOPCT4,CRYBA4 Rabbit pAb,Beta-A4 crystallin |

## 产品验证




Western blot analysis of CRYBA4 expressed in 293T,HeLa using CRYBA4 Rabbit pAb 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

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