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# Rhodopsin Rabbit mAb

**货号: AYM30035**

## 产品信息

| | |
|---|---|
| 反应 | Human,Rat |
| 宿主 | Rabbit |
| 克隆性 | Monoclonal |
| 预测反应 | |
| 应用 | WB IHC |
| 推荐浓度 | **WB:** 1:500 - 1:2000<br>**IHC:** 1:50 - 1:200 |
| 理论分子量 | 39kDa |
| 实测分子量 | 39kDa |
| 形式 | Liquid |
| 保存条件 | Store at -20℃. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | Mouse eye,Rat eye |
| 细胞定位 | Membrane,Multi-pass membrane protein |
| 纯化 | Affinity purification |

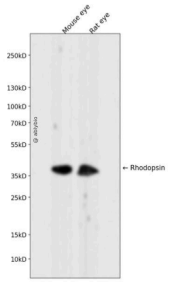
## 抗原信息

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

## 靶点信息

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|---|---|
| 研究背景 | Retinitis pigmentosa is an inherited progressive disease which is a major cause of blindness in western communities. It can be inherited as an autosomal dominant, autosomal recessive, or X-linked recessive disorder. In the autosomal dominant form,which comprises about 25% of total cases, approximately 30% of families have mutations in the gene encoding the rod photoreceptor-specific protein rhodopsin. This is the transmembrane protein which, when photoexcited, initiates the visual transduction cascade. Defects in this gene are also one of the causes of congenital stationary night blindness. [provided by RefSeq, Jul 2008] |
| 基因ID | 6010 |
| 基因名 | RHO |
| Swiss | P08100 (https://www.uniprot.org/uniprotkb/P08100/entry) |
| 别名 | Rhodopsin,Rhodopsin Rabbit mAb,RHO,Opsin-2,OPN2 |

## 产品验证




Western blot analysis of Rhodopsin expressed in Mouse eye,Rat eye using Rhodopsin 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

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