

# Aromatase (CYP19A1) Rabbit pAb

货号: AYP11589

## 产品信息

|       |  |
|-------|--|
| 反应    | Human,Rat  |
| 宿主    | Rabbit   |
| 克隆性   | Polyclonal   |
| 预测反应  | <b>IF:</b> Danio rerio , Homo sapiens<br><b>WB:</b> Mus musculus , Homo sapiens , Sus scrofa         |
| 应用    | <a href="#">WB</a> <a href="#">IHC</a> <a href="#">IF/ICC</a>  |
| 推荐浓度  | <b>WB:</b> 1:1000 - 1:2000<br><b>IHC:</b> 1:50 - 1:200<br><b>IF/ICC:</b> 1:50 - 1:200                |
| 理论分子量 | 24kDa/57kDa  |
| 实测分子量 | 48kDa  |
| 形式    | Liquid   |
| 保存条件  | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3. |
| 偶联物   | Unconjugated   |
| 阳性对照  | HeLa,Rat brain   |
| 细胞定位  | Membrane,Peripheral membrane protein   |
| 纯化    | Affinity purification  |

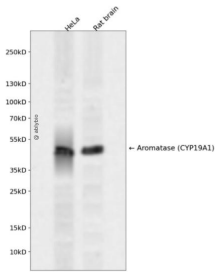
## 抗原信息

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|------|--|
| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 1-180 of human Aromatase (CYP19A1) (NP_000094.2).  |
| 序列   | MVLEMLNPIHYNITSIVPEAMPAATMPVLLLTGLFLLVWNYEGTSSIPGPGYCMGIGPLISHGRFLWMGIGSACNYYNRVYG<br>EFMRVWISGEETLIISKSSMFHIMKHNHYSSRFGSKLGLQCIGMHEKGIIFNNNPFLWKTTRPFFMKALSGPGLVRMVTV<br>CAESLKTHLDRLEEVN |

## 靶点信息

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| 研究背景  | This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein localizes to the endoplasmic reticulum and catalyzes the last steps of estrogen biosynthesis. Mutations in this gene can result in either increased or decreased aromatase activity; the associated phenotypes suggest that estrogen functions both as a sex steroid hormone and in growth or differentiation. Alternative promoter use and alternative splicing results in multiple transcript variants that have different tissue specificities. |
| 基因ID  | 1588   |
| 基因名   | CYP19A1  |
| Swiss | P11511   |
| 别名    | CYP19A1;ARO;ARO1;CPV1;CYAR;CYP19;CYPXIX;P-450AROM;aromatase;Aromatase  |

## 产品验证



Western blot analysis of Aromatase (CYP19A1) expressed in HeLa,Rat brain using Aromatase (CYP19A1) 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

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