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# Cytochrome P450 27A1 Antibody

货号: **AYP5665**

## 产品信息

|       |   |
|-------|---|
| 反应    | Human   |
| 宿主    | Rabbit  |
| 克隆性   | Polyclonal  |
| 预测反应  |   |
| 应用    | WB IF ELISA   |
| 推荐浓度  | <b>WB:</b> 1:500 - 1:2000<br><b>IF:</b> 1:50 - 1:200  |
| 理论分子量 | 60kDa   |
| 实测分子量 |   |
| 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  | 293T,Mouse kidney,Rat liver   |
| 细胞定位  | Mitochondrion membrane  |
| 纯化    | Affinity purification   |

## 抗原信息

|      |  |
|------|--|
| 抗原信息 | Synthesized peptide derived from Human Cytochrome P450 27A1. |
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## 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 mitochondrial protein oxidizes cholesterol intermediates as part of the bile synthesis pathway. Since the conversion of cholesterol to bile acids is the major route for removing cholesterol from the body, this protein is important for overall cholesterol homeostasis. Mutations in this gene cause cerebrotendinous xanthomatosis, a rare autosomal recessive lipid storage disease. |
| 基因ID  | 1593   |
| 基因名   | CYP27A1  |
| Swiss | Q02318 ( <a href="https://www.uniprot.org/uniprotkb/Q02318/entry">https://www.uniprot.org/uniprotkb/Q02318/entry</a> )   |
| 别名    | CYP27A1,CP27,CTX,CYP27,Cytochrome P450 27A1 Antibody,5-beta-cholestane-3-alpha,7-alpha,12-alpha-triol 26-hydroxylase,Cytochrome P-450C27/25,Cytochrome P450 27,Sterol 27-hydroxylase,Vitamin D(3) 25-hydroxylase,Cytochrome P450 27A1  |

## 产品验证

## 实验步骤

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