

# CYB5R3 Rabbit pAb

货号: B16296

产品信息

|       |                                                                                                        |
|-------|--------------------------------------------------------------------------------------------------------|
| 反应    | Human,Mouse,Rat                                                                                        |
| 宿主    | Rabbit                                                                                                 |
| 克隆性   | Polyclonal                                                                                             |
| 预测反应  |                                                                                                        |
| 应用    | WB IF/ICC                                                                                              |
| 推荐浓度  | <b>WB:</b> 1:500 - 1:2000<br><b>IF/ICC:</b> 1:50 - 1:200                                               |
| 理论分子量 | 31kDa/34kDa/38kDa                                                                                      |
| 实测分子量 | 34-36kDa                                                                                               |
| 形式    | Liquid                                                                                                 |
| 保存条件  | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| 偶联物   | Unconjugated                                                                                           |
| 阳性对照  | HepG2,HeLa,HT-1080,NIH/3T3,Mouse kidney,Mouse brain,Mouse liver,Rat liver                              |
| 细胞定位  | Cytoplasm,Cytoplasmic side,Endoplasmic reticulum membrane,Lipid-anchor,Mitochondrion outer membrane    |
| 纯化    | Affinity purification                                                                                  |

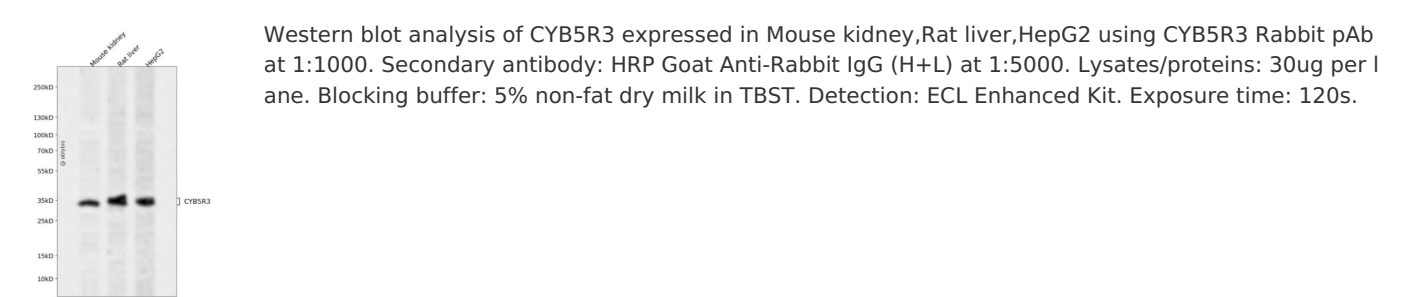
抗原信息

|      |                                                                                                                                                                                                                         |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 125-334 of human CYB5 R3 (NP_001165131.1).                                                                                                |
| 序列   | RPYTPISSDDDKGFVDLVIKVYFKDTHPKFPAGGKMSQYLESQIGDTIEFRGPSGLLVYQGKGKFAIRPDKKSNPIIRTVK<br>SVGMIAGGTGITPMLQVIRAIMKDPDDHTVCHLLFANQTEKDILLRPELEELRNKHSARFKLWYTLDRAPEAWDYGQGFVN<br>EEMIRDHLPPPEEPLVLMCGPPPMIQYACLPNLDHVGHPTECFVF |

靶点信息

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| 研究背景  | This gene encodes cytochrome b5 reductase, which includes a membrane-bound form in somatic cells (anchored in the endoplasmic reticulum, mitochondrial and other membranes) and a soluble form in erythrocytes. The membrane-bound form exists mainly on the cytoplasmic side of the endoplasmic reticulum and functions in desaturation and elongation of fatty acids, in cholesterol biosynthesis, and in drug metabolism. The erythrocyte form is located in a soluble fraction of circulating erythrocytes and is involved in methemoglobin reduction. The membrane-bound form has both membrane-binding and catalytic domains, while the soluble form has only the catalytic domain. Alternate splicing results in multiple transcript variants. Mutations in this gene cause methemoglobinemias. |
| 基因ID  | 1727                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 基因名   | CYB5R3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Swiss | P00387                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 别名    | CYB5R3;B5R;DIA1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

产品验证



实验步骤

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