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CYP1A2 Rabbit pAb

货号: **AYP12071**

产品信息

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| 反应 | Human,Mouse,Rat |
| 宿主 | Rabbit |
| 克隆性 | Polyclonal |
| 预测反应 | WB: Homo sapiens , Mus musculus , Rattus norvegicus |
| 应用 | WB IF/ICC |
| 推荐浓度 | WB: 1:500 - 1:2000 IF/ICC: 1:50 - 1:200 |
| 理论分子量 | 58kDa |
| 实测分子量 | 54kDa |
| 形式 | Liquid |
| 保存条件 | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | Mouse liver,Rat liver |
| 细胞定位 | Endoplasmic reticulum membrane,Microsome membrane,Peripheral membrane protein |
| 纯化 | Affinity purification |

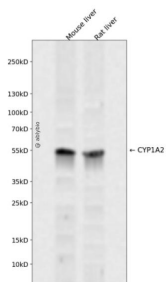
抗原信息

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| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 205-305 of human CYP1A2 (NP_000752.2). |
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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. The protein encoded by this gene localizes to the endoplasmic reticulum and its expression is induced by some polycyclic aromatic hydrocarbons (PAHs), some of which are found in cigarette smoke. The enzyme's endogenous substrate is unknown; however, it is able to metabolize some PAHs to carcinogenic intermediates. Other xenobiotic substrates for this enzyme include caffeine, aflatoxin B1, and acetaminophen. The transcript from this gene contains four Alu sequences flanked by direct repeats in the 3' untranslated region. |
| 基因ID | 1544 |
| 基因名 | CYP1A2 |
| Swiss | P05177 (https://www.uniprot.org/uniprotkb/P05177/entry) |
| 别名 | CYP1A2,CP12,P3-450,P450(PA),CYPIA2,CYP1A2 Rabbit pAb,Cholesterol 25-hydroxylase,Cytochrome P(3)450,Cytochrome P450 4,Cytochrome P450-P3,Hydroperoxy icosatetraenoate dehydratase |

产品验证



Western blot analysis of CYP1A2 expressed in Mouse liver,Rat liver using CYP1A2 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 (<https://www.ablybio.cn/www.ablybio.cn>)