

UGT1A1 Rabbit pAb

货号: **AYP11638**

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: Mouse liver , unknow , Mus musculus |
| 应用 | WB IHC IF/ICC |
| 推荐浓度 | WB: 1:1000 - 1:5000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200 |
| 理论分子量 | 49kDa/59kDa |
| 实测分子量 | 60KDa |
| 形式 | Liquid |
| 保存条件 | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | Rat liver |
| 细胞定位 | Endoplasmic reticulum,Endoplasmic reticulum membrane,Microsome,Single-pass membrane protein |
| 纯化 | Affinity purification |

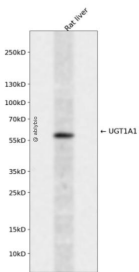
抗原信息

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| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human UGT1A1 (NP_000454.1). |
| 序列 | MAVESQGGRRPLVLGLLLVLGPVVSHAGKILLIPVDGSHWLSMLGAIQQLQQRGHEIVLAPDASLYIRDGAFYTLKTYVVP FQREDVKESFVSLGHNVFENDSFLQRVIKTYKKIKKDSAMLLSGCSHLLHNKELMASLAESSFDVMLTDPFLPCSPIVAQYL SLPTVFFLHALPCSLEFEATQCPNPFYSYVPRPLSSH |

靶点信息

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| 研究背景 | This gene encodes a UDP-glucuronosyltransferase, an enzyme of the glucuronidation pathway that transforms small lipophilic molecules, such as steroids, bilirubin, hormones, and drugs, into water-soluble, excretable metabolites. This gene is part of a complex locus that encodes several UDP-glucuronosyltransferases. The locus includes thirteen unique alternate first exons followed by four common exons. Four of the alternate first exons are considered pseudogenes. Each of the remaining nine 5' exons may be spliced to the four common exons, resulting in nine proteins with different N-termini and identical C-termini. Each first exon encodes the substrate binding site, and is regulated by its own promoter. The preferred substrate of this enzyme is bilirubin, although it also has moderate activity with simple phenols, flavones, and C18 steroids. Mutations in this gene result in Crigler-Najjar syndromes types I and II and in Gilbert syndrome. |
| 基因ID | 54658 |
| 基因名 | UGT1A1 |
| Swiss | P22309 |
| 别名 | UGT1A1;BILIQTL1;GNT1;HUG-BR1;UDPGT;UDPGT 1-1;UGT1;UGT1A;UDPGT1-1 |

产品验证



Western blot analysis of UGT1A1 expressed in Rat liver using UGT1A1 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

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