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UGT1A1 Rabbit mAb

货号: AAY2049

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF ELISA
推荐浓度	**IHC:** 1:200-1:1000 **WB:** 1:500-1:2000 **IF:** 1:200-1:1000 **ELISA:** 1:5000-1:20000
理论分子量	60kD
实测分子量	60kD
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.1051.
偶联物	Unconjugated
阳性对照	Rat liver
细胞定位	Endoplasmic reticulum membrane, Cytoplasm, perinuclear region
纯化	亲和纯化

抗原信息

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靶点信息

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 GNT1 UGT1;UDP-glucuronosyltransferase 1A1;UD11
Swiss	P22309 (https://www.uniprot.org/uniprotkb/P22309/entry)
别名	UGT1A1 GNT1 UGT1;UDP-glucuronosyltransferase 1A1;UD11

产品验证

实验步骤

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