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CYP2C19 (YD15959) Rabbit mAb

货号: **AYD14960**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC-P
推荐浓度	
理论分子量	56kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	
细胞定位	Endoplasmic reticulum membrane, Microsome membrane
纯化	亲和纯化

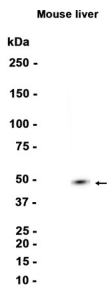
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靶点信息

研究背景	A cytochrome P450 monooxygenase involved in the metabolism of polyunsaturated fatty acids (PUFA) (PubMed:18577768, PubMed:19965576, PubMed:20972997). Mechanistically, uses molecular oxygen inserting one oxygen atom into a substrate, and reducing the second into a water molecule, with two electrons provided by NADPH via cytochrome P450 reductase (NADPH--hemoprotein reductase) (PubMed:18577768, PubMed:19965576, PubMed:20972997). Catalyzes the hydroxylation of carbon-hydrogen bonds. Hydroxylates PUFA specifically at the omega-1 position (PubMed:18577768). Catalyzes the epoxidation of double bonds of PUFA (PubMed:19965576, PubMed:20972997). Also metabolizes plant monoterpenes such as limonene. Oxygenates (R)- and (S)-limonene to produce carveol and perillyl alcohol (PubMed:11950794). Responsible for the metabolism of a number of therapeutic agents such as the anticonvulsant drug S-mephenytoin, omeprazole, proguanil, certain barbiturates, diazepam, propranolol, citalopram and imipramine. Hydroxylates fenbendazole at the 4' position (PubMed:23959307)
基因ID	1557
基因名	CYP2C19
Swiss	P33261 (https://www.uniprot.org/uniprotkb/P33261/entry)
别名	CYP2C19 (YD15959),CYP2C19 (YD15959) Rabbit mAb,CYP2C19,(R)-limonene 6-monooxygenase,(S)-limonene 6-monooxygenase,(S)-limonene 7-monooxygenase,CYPIIC17,CYPIIC19,Cytochrome P450-11A,Cytochrome P450-254C,Fenbendazole monooxygenase (4'-hydroxylating),Mephenytoin 4-hydroxylase

产品验证



实验步骤

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