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CYP27A1 Rabbit mAb

货号: AYM30722

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC FC
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **IF/ICC:** 1:50 - 1:200 **FC:** 1:20 - 1:50
理论分子量	60kDa
实测分子量	50kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T,Mouse kidney,Rat liver
细胞定位	Mitochondrion membrane
纯化	Affinity purification

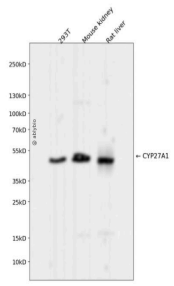
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human CYP27A1.

靶点信息

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. This mitochondrial protein oxidizes cholesterol intermediates as part of the bile synthesis pathway. Since the conversion of cholesterol to bile acids is the major route for removing cholesterol from the body, this protein is important for overall cholesterol homeostasis. Mutations in this gene cause cerebrotendinous xanthomatosis, a rare autosomal recessive lipid storage disease.
基因ID	1593
基因名	CYP27A1
Swiss	Q02318 (https://www.uniprot.org/uniprotkb/Q02318/entry)
别名	CYP27A1,CYP27A1 Rabbit mAb,5-beta-cholestane-3-alpha,7-alpha,12-alpha-triol 26-hydroxylase,Cytochrome P-450C27/25,Cytochrome P450 27,Sterol 27-hydroxylase,Vitamin D(3) 25-hydroxylase,CYP27

产品验证



Western blot analysis of CYP27A1 expressed in 293T,Mouse kidney,Rat liver using CYP27A1 Rabbit mAb 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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