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CYP7A1 Rabbit pAb

货号: **AYP11244**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Mus musculus , Rattus norvegicus IHC: Bubalus bubalis
应用	WB IF/ICC
推荐浓度	WB: 1:500 - 1:1000 IF/ICC: 1:50 - 1:200
理论分子量	57kDa
实测分子量	58KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% 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

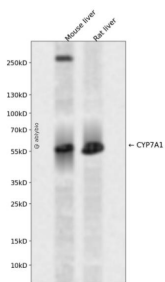
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 390-504 of human CYP7A1 (NP_000771.2).
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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 endoplasmic reticulum membrane protein catalyzes the first reaction in the cholesterol catabolic pathway in the liver, which converts cholesterol to bile acids. This reaction is the rate limiting step and the major site of regulation of bile acid synthesis, which is the primary mechanism for the removal of cholesterol from the body. Polymorphisms in the promoter of this gene are associated with defects in bile acid synthesis.
基因ID	1581
基因名	CYP7A1
Swiss	P22680 (https://www.uniprot.org/uniprotkb/P22680/entry)
别名	CYP7A1,CP7A,CYP7,CYPVII,CYP7A1 Rabbit pAb,24-hydroxycholesterol 7-alpha-hydroxylase,Cholesterol 7-alpha-hydroxylase,Cholesterol 7-alpha-monooxygenase

产品验证



Western blot analysis of CYP7A1 expressed in Mouse liver,Rat liver using CYP7A1 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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