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CYP7B1 Rabbit pAb

货号: **AYP14407**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Mus musculus
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	58kDa
实测分子量	55KDa
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	A-431
细胞定位	Endoplasmic reticulum membrane, Microsome membrane, Peripheral membrane protein
纯化	Affinity purification

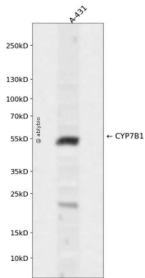
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 200-300 of human CYP7B1 (NP_0048 11.1).
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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 of extrahepatic tissues, which converts cholesterol to bile acids. This enzyme likely plays a minor role in total bile acid synthesis, but may also be involved in the development of atherosclerosis, neurosteroid metabolism and sex hormone synthesis.
基因ID	9420
基因名	CYP7B1
Swiss	O75881 (https://www.uniprot.org/uniprotkb/O75881/entry)
别名	CYP7B1,CBAS3,CP7B,SPG5A,CYP7B1 Rabbit pAb,24-hydroxycholesterol 7-alpha-hydroxylase,25/26-hydroxycholesterol 7-alpha-hydroxylase,3-hydroxysteroid 7-alpha hydroxylase,Oxysterol 7-alpha-hydroxylase

产品验证



Western blot analysis of CYP7B1 expressed in A-431 using CYP7B1 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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