

CYP27A1 (5Q15) Rabbit Monoclonal Antibody

Catalog# HZ-YMA01384

Product information

产品货号	HZ-YMA01384
别名	CYP27A1;CYP27;Sterol 26-hydroxylase;mitochondrial;5-beta-cholestane-3-alpha,7-alpha,12-alpha-triol 27-hydroxylase;Cytochrome P-450C27/25;Cytochrome P450 27;Sterol 27-hydroxylase;Vitamin D;3;25-hydroxylase
产品名称	CYP27A1 (5Q15) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	CYP27A1
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	1593
Human Swissprot No.	Q02318
稀释度	IHC-P 1:200-1:1000;WB 1:2000-1:10000;IF-P/IF-F/IF-ICC 1:200-1:1000;ELISA 1:5000-1:20000;
参考分子量	55kDa
预测分子量	60kDa
运输及保存条件	Biological ice bag transportation. Store at -20°C for at least 12 months(Do not lower than -25°C). Avoid freeze/thaw cycles
宿主	Rabbit
同种型	IgG,Kappa
背景介绍	cytochrome P450 family 27 subfamily A member 1(CYP27A1) Homo sapiens 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. [provided by RefSeq, Jul 2008],
细胞定位	Mitochondrion inner membrane ; Peripheral membrane protein . Post-translationally targeted to mitochondria. All three of the receptor proteins in the TOM complex, TOMM70, TOMM20 and TOMM22 are required for the translocation across the mitochondrial outer membrane. After translocation into the matrix, associates with the inner membrane as a membrane extrinsic protein. .
Clonality	Monoclonal