

CYP27B1 (18C3) Rabbit Monoclonal Antibody

Catalog# UZ-MA01033

Product information

产品货号	UZ-MA01033
别名	VDR; CP2B; CYP1; PDDR; VDD1; VDDR; VDDRI; CYP27B; P450c1; CYP1alpha
产品名称	CYP27B1 (18C3) Rabbit Monoclonal Antibody
类别	抗体产品
推荐应用	WB,IHC-P,IP,IF-P
反应种属	Human,Mouse,Rat
存储缓冲液	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
免疫原	Recombinant protein of human CYP27B1
稀释度	WB 1:1000, IHC-P/IF-P 1:200-1:2000, IP 1:20-1:50
参考分子量	57kDa
预测分子量	57kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	IgG
背景介绍	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. The protein encoded by this gene localizes to the inner mitochondrial membrane where it hydroxylates 25-hydroxyvitamin D3 at the 1alpha position. This reaction synthesizes 1alpha,25-dihydroxyvitamin D3, the active form of vitamin D3, which binds to the vitamin D receptor and regulates calcium metabolism. Thus this enzyme regulates the level of biologically active vitamin D and plays an important role in calcium homeostasis. Mutations in this gene can result in vitamin D-dependent rickets type I. [provided by RefSeq, Jul 2008]
纯化	Affinity Purification
Uniprot ID	O15528
Clonality	Monoclonal