

CYP24A1 antibody

Product Information

Catalog No.:	FNab10704
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

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 initiates the degradation of 1, 25-dihydroxyvitamin D₃, the physiologically active form of vitamin D₃, by hydroxylation of the side chain. In regulating the level of vitamin D₃, this enzyme plays a role in calcium homeostasis and the vitamin D endocrine system. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Immunogen information

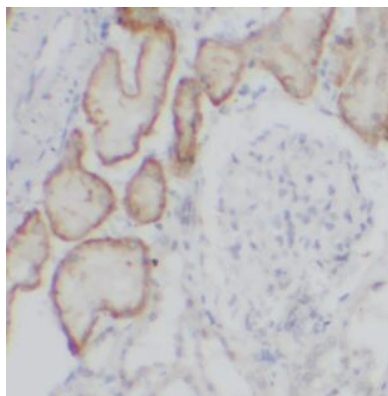
Immunogen:	cytochrome P450, family 24, subfamily A, polypeptide 1
Synonyms:	1,25-dihydroxyvitamin D(3) 24-hydroxylase, mitochondrial (24-OHase, Vitamin D(3) 24-hydroxylase) Cytochrome P450 24A1 Cytochrome P450-CC24 CYP24A1 CYP24
Observed MW:	43 kDa
Uniprot ID :	Q07973

Application

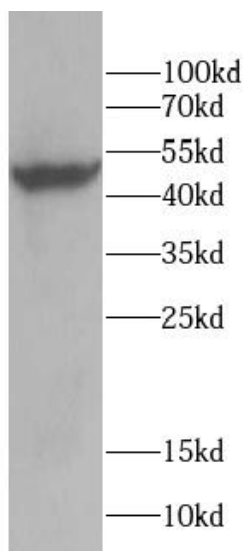
Reactivity:	Human, Mouse
Tested Application:	ELISA, WB, IHC

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded human kidney tissue slide using FNab10704(CYP24A1 antibody) at dilution of 1:100



Mouse liver tissue were subjected to SDS PAGE followed by western blot with FNab10704(CYP24A1 antibody) at dilution of 1:1000