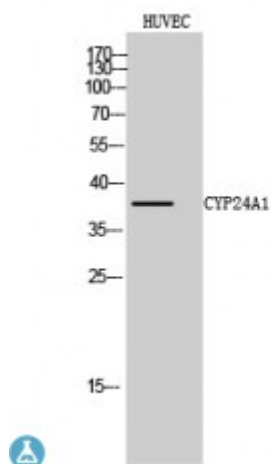


Anti-CYP24A1 antibody



Description	Rabbit polyclonal to CYP24A1.
Model	STJ92563
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human CYP24A1
Immunogen Region	380-460 aa, C-terminal
Gene ID	1591
Gene Symbol	CYP24A1
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:10000
Specificity	CYP24A1 Polyclonal Antibody detects endogenous levels of CYP24A1 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	1,25-dihydroxyvitamin D 3 24-hydroxylase, mitochondrial 24-OHase Vitamin D 3 24-hydroxylase Cytochrome P450 24A1 Cytochrome P450-CC24
Molecular Weight	38 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:2602OMIM:126065
Alternative Names	1,25-dihydroxyvitamin D 3 24-hydroxylase, mitochondrial 24-OHase Vitamin D 3 24-hydroxylase Cytochrome P450 24A1 Cytochrome P450-CC24
Function	Has a role in maintaining calcium homeostasis. Catalyzes the NADPH-dependent 24-hydroxylation of calcidiol (25-hydroxyvitamin D(3)) and calcitriol (1-alpha,25-dihydroxyvitamin D(3)). The enzyme can perform up to 6 rounds of hydroxylation of calcitriol leading to calcitroic acid. It also shows 23-hydroxylating activity leading to 1-alpha,25-dihydroxyvitamin D(3)-26,23-lactone as end product.
Cellular Localization	Mitochondrion.

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