

Product datasheet for **TA342860**

CYP24A1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-CYP24A1 antibody: synthetic peptide directed towards the C terminal of human CYP24A1. Synthetic peptide located within the following region: QVLGSSSEDNFEDSSQFRPERWLQEKEKINPFAHLPGVVGKRMCIARRLAE
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	55 kDa
Gene Name:	cytochrome P450 family 24 subfamily A member 1
Database Link:	NP_000773 Entrez Gene 1591 Human Q07973
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.



[View online »](#)

Synonyms: CP24; CYP24; HCAI; P450-CC24

Note: Immunogen Sequence Homology: Human: 100%; Rabbit: 93%; Pig: 86%; Rat: 86%; Guinea pig: 86%; Dog: 79%; Mouse: 79%

Protein Families: Druggable Genome

Product images:



WB Suggested Anti-CYP24A1 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control:
MCF7 cell lysate