

Rabbit CYP24A1 Polyclonal Antibody | anti-CYP24A1 antibody

CYP24A1 Polyclonal Antibody

CATALOG # AAA311306	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry
-------------------------------	-----------------------	--	---

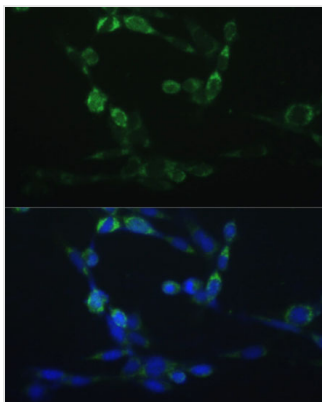
PRODUCT SYNONYMS

CYP24A1; Polyclonal Antibody; CYP24A1 Polyclonal Antibody; CP24; CYP24; HCAI; HCINF1; P450-CC24; cytochrome P450 family 24 subfamily A member 1; anti-CYP24A1 antibody

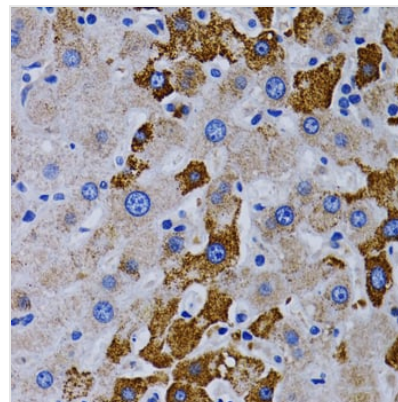
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Sequence Length	448
Applicable Applications for anti-CYP24A1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	Recombinant fusion protein of human CYP24A1 (NP_001122387.1).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

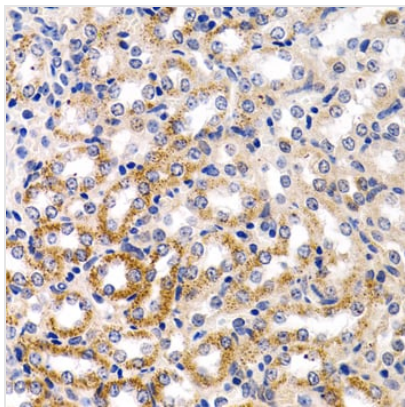
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of NIH-3T3 cells using CYP24A1 Polyclonal Antibody.

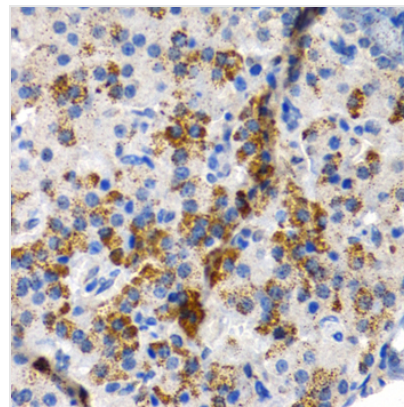

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using CYP24A1 antibody.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using CYP24A1 antibody.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat pancreas using CYP24A1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CYP24A1 antibody	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.
Product Categories/Family for anti-CYP24A1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	193083117
NCBI GeneID	1591
NCBI Accession #	NP_001122387.1
NCBI GenBank Nucleotide #	NP_001122387.1
UniProt Accession #	Q07973
NCBI Official Full Name	1,25-dihydroxyvitamin D(3) 24-hydroxylase, mitochondrial isoform 2
NCBI Official Synonym Full Names	cytochrome P450 family 24 subfamily A member 1
NCBI Official Symbol	CYP24A1
NCBI Official Synonym Symbols	CP24; HCAI; CYP24; HCINF1; P450-CC24
NCBI Protein Information	1,25-dihydroxyvitamin D(3) 24-hydroxylase, mitochondrial
UniProt Protein Name	1,25-dihydroxyvitamin D(3) 24-hydroxylase, mitochondrial
UniProt Gene Name	CYP24A1
UniProt Synonym Gene Names	CYP24; 24-OHase
UniProt Entry Name	CP24A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/cyp24a1-antibody-immunofluorescence-immunohistochemistry-elisa/311306>