

Rabbit Cytochrome P450 24A1 Polyclonal Antibody | anti-CYP24A1 antibody

Polyclonal Antibody to Cytochrome P450 24A1 (CYP24A1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA143907	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Cytochrome P450 24A1; Polyclonal Antibody; Polyclonal Antibody to Cytochrome P450 24A1 (CYP24A1); anti-CYP24A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against CYP24A1. It has been selected for its ability to recognize CYP24A1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag. His-tag and T7-tag and its sequence is listed below. MGSSH HHHHSSGLV PRGSHMASMT GGQMGGRGSE F-QPREVPVC PLTAGGETQN AAALPGPTSW PLLGSLQIL WKGGLKKQHD TLVEYHKKYG KIFRMKLGSE SVHLGSPCL LEALYRTESA YPQRLEIKPW KAYRDYRKEG YGLLILEGED WQVRSAFQK KLMKPGEVMK LDNKINEVLA DFMGRIDELC DERGHVEDLY SELNKWSFES ICLVLYEKRF GLLQKN
Sequence Length	448
Applicable Applications for anti-CYP24A1 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	CYP24A1 (Gln37~Gly250)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human
Conjugate	No Conjugate
Immunogen	Recombinant CYP24A1 (Gln37~Gly250) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemisry)
DAB staining on IHC-P; Samples: Human Stomach Tissue



IHC (Immunohiostchemistry)
DAB staining on fromalin fixed paraffin-embedded liver tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	55770850
NCBI GeneID	1591
NCBI Accession #	NP_000773.2
NCBI GenBank Nucleotide #	NM_000782.4
UniProt Accession #	Q07973; Q15807; Q32ML3; Q5I2W7
Molecular Weight	43,051 Da
NCBI Official Full Name	1,25-dihydroxyvitamin D(3) 24-hydroxylase, mitochondrial isoform 1
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; Vitamin D(3) 24-hydroxylase

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cytochrome-p450-24a1-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/143907>