

Rabbit anti-Human, Mouse CYP2R1 Polyclonal Antibody | anti-CYP2R1 antibody

CYP2R1 Polyclonal Antibody

CATALOG # AAA174848	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry
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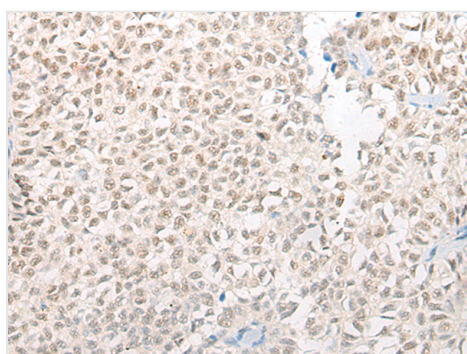
PRODUCT SYNONYMS

CYP2R1; Polyclonal Antibody; CYP2R1 Polyclonal Antibody; CP2R1; Cytochrome P450 2R1; Cytochrome P450 family 2 R1; Cytochrome P450 family 2 subfamily R polypeptide 1; EC 1.14.13.15; MGC4663; Vitamin D 25 hydroxylase; Vitamin D 25-hydroxylase; anti-CYP2R1 antibody

PRODUCT SPECIFICATIONS

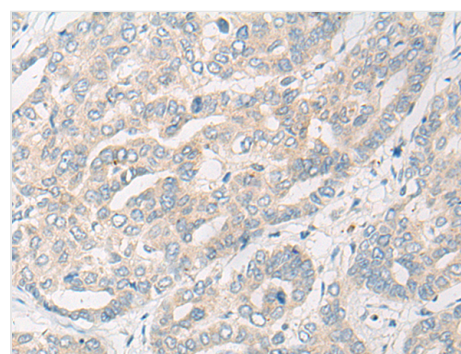
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Concentration	0.4mg/mL (varies by lot)
Sequence Length	501
Applicable Applications for anti-CYP2R1 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human CYP2R1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using CYP2R1 Polyclonal Antibody at dilution of 1:30(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using CYP2R1 Polyclonal Antibody at dilution of 1:30(×200)

ADDITIONAL INFORMATION

Related Product Information for anti-CYP2R1 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 enzyme is a microsomal vitamin D hydroxylase that converts vitamin D into the active ligand for the vitamin D receptor. A mutation in this gene has been associated with selective 25-hydroxyvitamin D deficiency.CYP2R1 (Cytochrome P450 Family 2 Subfamily R Member 1) is a Protein Coding gene. Diseases associated with CYP2R1 include Rickets Due To Defect In Vitamin D 25-Hydroxylation and Hypocalcemic Vitamin D-Dependent Rickets. Among its related pathways are Cytochrome P450 - arranged by substrate type and cholesterol biosynthesis I. GO annotations related to this gene include iron ion binding and oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen. An important paralog of this gene is CYP2J2.
Product Categories/Family for anti-CYP2R1 antibody	Cancer; Cell Biology; Cardiovascular; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	45267826
NCBI GeneID	120227
NCBI Accession #	NP_078790.2
NCBI GenBank Nucleotide #	NP_078790.2
UniProt Accession #	Q6VVX0
NCBI Official Full Name	vitamin D 25-hydroxylase
NCBI Official Synonym Full Names	cytochrome P450 family 2 subfamily R member 1
NCBI Official Symbol	CYP2R1
NCBI Protein Information	vitamin D 25-hydroxylase
UniProt Protein Name	Vitamin D 25-hydroxylase
UniProt Gene Name	CYP2R1
UniProt Entry Name	CP2R1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cyp2r1-antibody-immunohistochemistry-elisa/174848>