

Rabbit anti-Human CYP3A5 Polyclonal Antibody | anti-CYP3A5 antibody

CYP3A5 Polyclonal Antibody

CATALOG # AAA174851	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry
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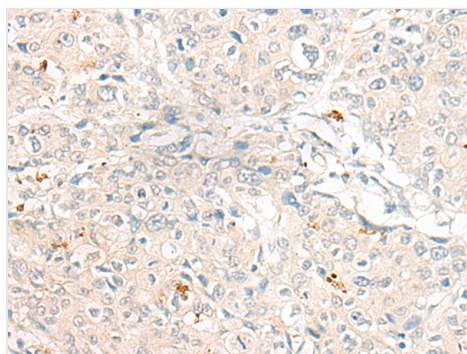
PRODUCT SYNONYMS

CYP3A5; Polyclonal Antibody; CYP3A5 Polyclonal Antibody; Aryl hydrocarbon hydroxylase; CP35; CP3A5; CYP11A5; Cytochrome P450 3A5; Cytochrome P450; Cytochrome P450 family 3 subfamily A polypeptide 5; Cytochrome P450 HLP2; Cytochrome P450 subfamily IIIA (naphedipine oxidase) polypeptide 5; Cytochrome P450-PCN3; DKFZp686L16231; Flavoprotein linked monooxygenase; FLJ31317; HLP2; Microsomal monooxygenase; Naphedipine oxidase; P450PCN3; PCN3; Xenobiotic monooxygenase; anti-CYP3A5 antibody

PRODUCT SPECIFICATIONS

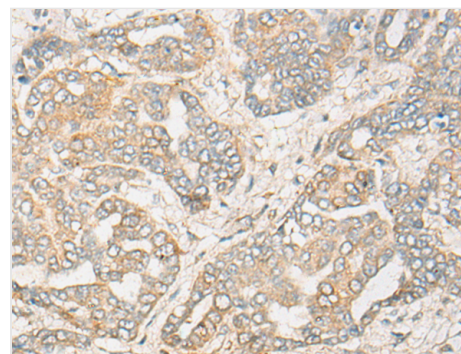
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.96mg/mL (varies by lot)
Sequence Length	502
Applicable Applications for anti-CYP3A5 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human CYP3A5
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using CYP3A5 Polyclonal Antibody at dilution of 1:25(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using CYP3A5 Polyclonal Antibody at dilution of 1:25(×200)

ADDITIONAL INFORMATION

Related Product Information for anti-CYP3A5 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. The encoded protein metabolizes drugs as well as the steroid hormones testosterone and progesterone. This gene is part of a cluster of cytochrome P450 genes on chromosome 7q21.1. Two pseudogenes of this gene have been identified within this cluster on chromosome 7. Expression of this gene is widely variable among populations, and a single nucleotide polymorphism that affects transcript splicing has been associated with susceptibility to hypertension. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-CYP3A5 antibody	Cancer; Cardiovascular; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503231
NCBI GeneID	1577
NCBI Accession #	NP_000768.1
NCBI GenBank Nucleotide #	NP_000768.1
UniProt Accession #	P20815
NCBI Official Full Name	cytochrome P450 3A5 isoform 1
NCBI Official Synonym Full Names	cytochrome P450 family 3 subfamily A member 5
NCBI Official Symbol	CYP3A5
NCBI Official Synonym Symbols	CP35; PCN3; CYP11A5; P450PCN3
NCBI Protein Information	cytochrome P450 3A5
UniProt Protein Name	Cytochrome P450 3A5
UniProt Gene Name	CYP3A5
UniProt Entry Name	CP3A5_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.