

Rabbit anti-Human CYP7B1 Polyclonal Antibody | anti-CYP7B1 antibody

CYP7B1 Polyclonal Antibody

CATALOG # AAA175948	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry
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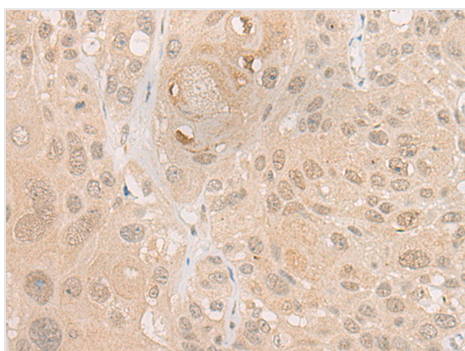
PRODUCT SYNONYMS

CYP7B1; Polyclonal Antibody; CYP7B1 Polyclonal Antibody; 25 hydroxycholesterol 7 alpha hydroxylase; 25-hydroxycholesterol 7-alpha-hydroxylase; CP7B; CP7B1; Cyp7b1; Cytochrome P450 7B1; Cytochrome P450 family 7 subfamily B polypeptide 1; Cytochrome P450 subfamily VIIB polypeptide 1; Oxysterol 7-alpha-hydroxylase; Oxysterol 7alpha hydroxylase; anti-CYP7B1 antibody

PRODUCT SPECIFICATIONS

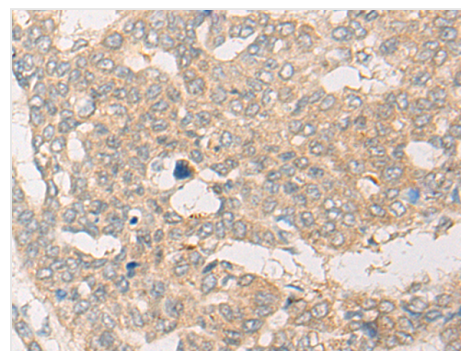
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.6mg/mL (varies by lot)
Sequence Length	506
Applicable Applications for anti-CYP7B1 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human CYP7B1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using CYP7B1 Polyclonal Antibody at dilution of 1:25(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using CYP7B1 Polyclonal Antibody at dilution of 1:25(×200)

ADDITIONAL INFORMATION

Related Product Information for anti-CYP7B1 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 endoplasmic reticulum membrane protein catalyzes the first reaction in the cholesterol catabolic pathway of extrahepatic tissues, which converts cholesterol to bile acids. This enzyme likely plays a minor role in total bile acid synthesis, but may also be involved in the development of atherosclerosis, neurosteroid metabolism and sex hormone synthesis. Mutations in this gene have been associated with hereditary spastic paraplegia (SPG5 or HSP), an autosomal recessive disorder.
Product Categories/Family for anti-CYP7B1 antibody	Cancer; Cardiovascular; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758104
NCBI GeneID	9420
NCBI Accession #	NP_004811.1
NCBI GenBank Nucleotide #	NP_004811.1
UniProt Accession #	O75881
NCBI Official Full Name	cytochrome P450 7B1 isoform 1
NCBI Official Synonym Full Names	cytochrome P450 family 7 subfamily B member 1
NCBI Official Symbol	CYP7B1
NCBI Official Synonym Symbols	CP7B; CBAS3; SPG5A
NCBI Protein Information	cytochrome P450 7B1
UniProt Protein Name	25-hydroxycholesterol 7-alpha-hydroxylase
UniProt Gene Name	CYP7B1
UniProt Entry Name	CP7B1_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.