

Rabbit anti-Human Cytochrome P450 8B1 Polyclonal Antibody | anti-CYP8B1 antibody

Cytochrome P450 8B1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA308310	Rabbit	Human	Immunohistochemistry, Western Blot

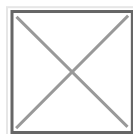
PRODUCT SYNONYMS

Cytochrome P450 8B1; Polyclonal Antibody; Cytochrome P450 8B1 Antibody; Cytochrome P450; family 8; subfamily B; polypeptide 1; CYP8B1; anti-CYP8B1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Cytochrome P450 8B1 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	501
Applicable Applications for anti-CYP8B1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human Cytochrome P450 8B1.
Target Name	Cytochrome P450 8B1
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue, using Cytochrome P450 8B1 antibody.



WB (Western Blot)

Western blot analysis of extracts from 293 cells, using Cytochrome P450 8B1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CYP8B1 antibody

Involved in bile acid synthesis and is responsible for the conversion of 7 alpha-hydroxy-4-cholesten-3-one into 7 alpha, 12 alpha-dihydroxy-4-cholesten-3-one. Responsible for the balance between formation of cholic acid and chenodeoxycholic acid. Has a rather broad substrate specificity including a number of 7-alpha-hydroxylated C27 steroids. Gaafvels M., Genomics 56:184-196(1999). Ota T., Nat. Genet. 36:40-45(2004). Muzny D.M., Nature 440:1194-1198(2006)

Product Categories/Family for anti-CYP8B1 antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	166362724
NCBI GeneID	1582
NCBI Accession #	NP_004382.2
NCBI GenBank Nucleotide #	NM_004391.2
UniProt Accession #	Q9UNU6; O75958; Q6NWT2; Q6NWT3; B2RCY3
Molecular Weight	58,068 Da
NCBI Official Full Name	7-alpha-hydroxycholest-4-en-3-one 12-alpha-hydroxylase
NCBI Official Synonym Full Names	cytochrome P450, family 8, subfamily B, polypeptide 1
NCBI Official Symbol	CYP8B1
NCBI Official Synonym Symbols	CP8B; CYP12
NCBI Protein Information	7-alpha-hydroxycholest-4-en-3-one 12-alpha-hydroxylase
UniProt Protein Name	7-alpha-hydroxycholest-4-en-3-one 12-alpha-hydroxylase
UniProt Gene Name	CYP8B1
UniProt Synonym Gene Names	CYP12
UniProt Entry Name	CP8B1_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/cytochrome-p450-8b1-antibody-immunohistochemistry-western-blot-elisa/308310>