

Rabbit anti-Human, Mouse CYP8B1 Polyclonal Antibody | anti-CYP8B1 antibody

CYP8B1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA294616	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

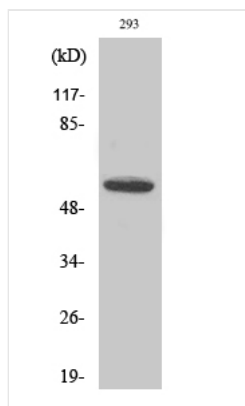
PRODUCT SYNONYMS

CYP8B1; Polyclonal Antibody; CYP8B1 Polyclonal Antibody; CYP12; 7-alpha-hydroxycholest-4-en-3-one 12-alpha-hydroxylase; 7-alpha-hydroxy-4-cholesten-3-one 12-alpha-hydroxylase; CYPVIII1; Cytochrome P450 8B1; Sterol 12-alpha-hydroxylase; anti-CYP8B1 antibody

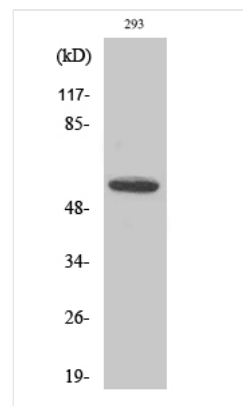
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Applicable Applications for anti-CYP8B1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Notes	ECO:0000303 PubMed:10051404, ECO:0000312 HGNC: HGNC:2653
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.


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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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	166362724
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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; CYPVIII B1; cytochrome P450 8B1; sterol 12-alpha-hydroxylase; 7 alpha-hydroxy-4-cholesten-3-one 12-alpha-hydroxylase; 7-alpha-hydroxy-4-cholesten-3-one 12-alpha-hydroxylase; cytochrome P450, subfamily
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://www.aaabiotech.com/polyclonal/cyp8b1-antibody-immunohistochemistry-western-blot-elisa/294616>