Datasheet for ABIN6942792 anti-CYP8B1 antibody (AA 151-250) (Biotin)

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Overview

Quantity:	100 µL
Target:	CYP8B1
Binding Specificity:	AA 151-250
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP8B1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CYP8B1
lsotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Cow,Sheep,Horse
Purification:	Purified by Protein A.
Target Details	
Target:	CYP8B1
Alternative Name:	CYP8B1 (CYP8B1 Products)

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## Target Details

Background:	Synonyms: 7-alpha-hydroxy-4-cholesten-3-one 12-alpha-hydroxylase, 7-alpha-hydroxycholest-4-
	en-3-one 12-alpha-hydroxylase, CP8B1_HUMAN, CYP12, CYP8B1, CYPVIIIB1, Cytochrome P450
	8B1, Cytochrome P450, family 8, subfamily B, polypeptide 1, Sterol 12-alpha-hydroxylase.
	Background: 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 conversion of 7 alpha-hydroxy-4-cholesten-3-one
	into 7-alpha,12-alpha-dihydroxy-4-cholesten-3-one. The balance between these two steroids
	determines the relative amounts of cholic acid and chenodeoxycholic acid both of which are
	secreted in the bile and affect the solubility of cholesterol. This gene is unique among the
	cytochrome P450 genes in that it is intronless. [provided by RefSeq, Jul 2008]
Gene ID:	1582
UniProt:	Q9UNU6

## Application Details

Application Notes:	WB 1:300-5000
	IHC-P 1:200-400
	IHC-F 1:100-500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months

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