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Datasheet for ABIN6942791
anti-CYP8B1 antibody (AA 151-250)

Overview

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

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CYP8B1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Cow,Sheep,Horse
Purification:	Purified by Protein A.

Target Details

Target:	CYP8B1
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Target Details

Alternative Name: CYP8B1 ([CYP8B1 Products](#))

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, CYPVIII B1, 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
ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200
ICC 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months