CYP8B1 Antibody

PACO56776

Product Information

Size:

50ug

Reactivity:

Human, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC, IF

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:5000, IHC:1:200-1:500, IF:1:50-1:200

Protein Background:

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.

Gene ID:

CYP8B1

Uniprot

Q9UNU6

Synonyms:

7-alpha-hydroxycholest-4-en-3-one 12-alpha-hydroxylase (EC 1.14.18.8) (7-alpha-hydroxy-4-cholesten-3-one 12-alpha-hydroxylase) (CYPVIIIB1) (Cytochrome P450 8B1) (Sterol 12-alpha-hydroxylase), CYP8B1, CYP12

Immunogen:

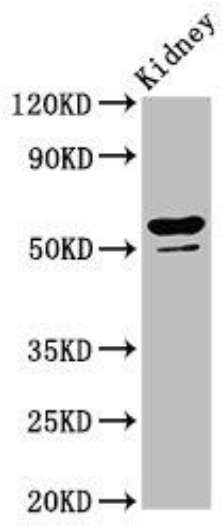
Recombinant Human 7-alpha-hydroxycholest-4-en-3-one 12-alpha-hydroxylase protein (303-440AA).

Storage:

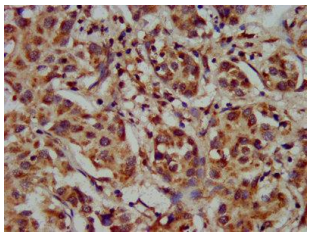
Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

 info@assaygenie.com

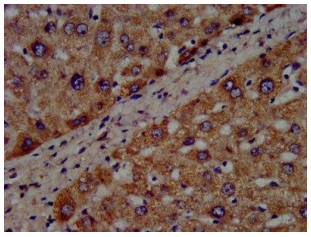
Product Images



Western Blot. Positive WB detected in: Rat kidney tissue. All lanes: CYP8B1 antibody at 6.4µg/ml. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 59 kDa. Observed band size: 59 kDa.



IHC image of PACO56776 diluted at 1:300 and staining in paraffin-embedded human liver cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



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