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Datasheet for ABIN7142850
anti-CYP8B1 antibody (AA 303-440)

4 Images

Overview

Quantity:	100 µg
Target:	CYP8B1
Binding Specificity:	AA 303-440
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP8B1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human 7-alpha-hydroxycholest-4-en-3-one 12-alpha-hydroxylase protein (303-440AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	CYP8B1
Alternative Name:	CYP8B1 (CYP8B1 Products)
Background:	Background: Involved in bile acid synthesis and is responsible for the conversion of 7 alpha-

Target Details

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.

Aliases: 7-alpha-hydroxy-4-cholesten-3-one 12-alpha-hydroxylase antibody, 7-alpha-hydroxycholest-4-en-3-one 12-alpha-hydroxylase antibody, CP8B antibody, CP8B1_HUMAN antibody, CYP12 antibody, CYP8B1 antibody, CYPVIII B1 antibody, Cytochrome P450 8B1 antibody, Cytochrome P450 subfamily VIII B (sterol 12 alpha hydroxylase) polypeptide 1 antibody, Cytochrome P450, family 8, subfamily B, polypeptide 1 antibody, Sterol 12-alpha-hydroxylase antibody

UniProt: [Q9UNU6](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

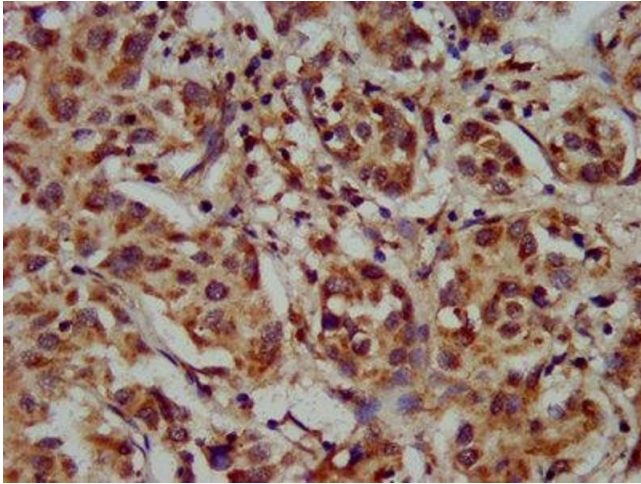
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

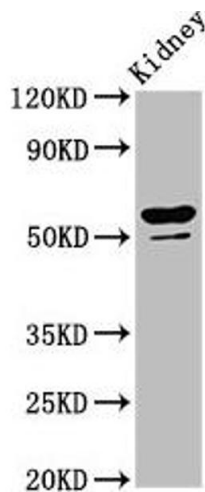
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



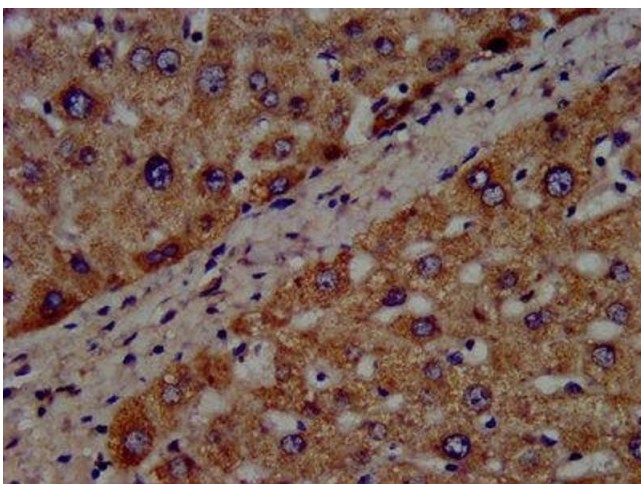
Immunohistochemistry

Image 1. IHC image of ABIN7142850 diluted at 1:300 and staining in paraffin-embedded human liver cancer performed on a Leica Bond™ 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 30 min 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.



Western Blotting

Image 2. Western Blot Positive WB detected in: Rat kidney tissue All lanes: CYP8B1 antibody at 6.4 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 59 kDa Observed band size: 59 kDa



Immunohistochemistry

Image 3. IHC image of ABIN7142850 diluted at 1:300 and staining in paraffin-embedded human liver tissue performed on a Leica Bond™ 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 30 min 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.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7142850.