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Datasheet for ABIN708956 **anti-CYP7B1 antibody (AA 351-450)**

Overview

Quantity:	100 µL
Target:	CYP7B1
Binding Specificity:	AA 351-450
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP7B1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CYP7B1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	CYP7B1
Alternative Name:	CYP7B1 (CYP7B1 Products)

Target Details

Background:	<p>Synonyms: 25 hydroxycholesterol 7 alpha hydroxylase, CP7B, Cytochrome P450 7B1, Cytochrome P450 family 7 subfamily B polypeptide 1, Cytochrome P450 subfamily VIIIB polypeptide 1, Oxysterol 7alpha hydroxylase, CP7B1_HUMAN.</p> <p>Background: The CYP7B1 protein catalyzes the first reaction in the cholesterol catabolic pathway of extrahepatic tissues, which converts cholesterol to bile acids. This enzyme is likely to play a minor role in total bile acid synthesis, and may also be involved in the development of neurosteroid metabolism, atherosclerosis and sex hormone synthesis, and is a member of the cytochrome P450 superfamily of enzymes.</p>
Gene ID:	9420
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Steroid Hormone Biosynthesis , Regulation of Intracellular Steroid Hormone Receptor Signaling

Application Details

Application Notes:	<p>WB 1:300-5000</p> <p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
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 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.

Handling

Expiry Date: 12 months