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Datasheet for ABIN739730
anti-CYP7A1 antibody (AA 351-400) (Cy5.5)

Overview

Quantity:	100 µL
Target:	CYP7A1
Binding Specificity:	AA 351-400
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP7A1 antibody is conjugated to Cy5.5
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CYP7A1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Cross-Reactivity (Details):	Rat
Predicted Reactivity:	Pig,Rabbit,Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	CYP7A1
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Target Details

Alternative Name:	Cyp7a1 (CYP7A1 Products)
Background:	Synonyms: CP7A, CYP7, CYPVII, Cholesterol 7-alpha-monooxygenase, Cholesterol 7-alpha-hydroxylase, Cytochrome P450 7A1, CYP7A1 Background: Catalyzes a rate-limiting step in cholesterol catabolism and bile acid biosynthesis by introducing a hydrophilic moiety at position 7 of cholesterol. Important for cholesterol homeostasis.
Gene ID:	1581
UniProt:	P22680
Pathways:	Steroid Hormone Biosynthesis , Carbohydrate Homeostasis , Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months