# .-online.com antibodies

# Datasheet for ABIN2855947 anti-CYP7B1 antibody (C-Term)

3 Images



### Overview

Quantity:	100 μL
Target:	CYP7B1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP7B1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)),
	Immunofluorescence (IF), Immunocytochemistry (ICC)

## Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human CYP7B1. The exact sequence is proprietary.
Isotype:	lgG
Characteristics:	Rabbit polyclonal antibody to CYP7B1 (cytochrome P450, family 7, subfamily B, polypeptide 1) CYP7B1 antibody [C3], C-term
Purification:	Affinity purified by Protein A.

## Target Details

Target:	CYP7B1
Alternative Name:	CYP7B1 (CYP7B1 Products)

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN2855947 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

## Target Details

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 first reaction in the cholesterol catabolic pathway of
	extrahepatic tissues, which converts cholesterol to bile acids. This enzyme likely plays a minor
	role in total bile acid synthesis, but may also be involved in the development of atherosclerosis,
	neurosteroid metabolism and sex hormone synthesis.

Cellular Localization: Endoplasmic reticulum membrane , Microsome membrane

Molecular Weight:	58 kDa
Gene ID:	9420
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway, Steroid Hormone Biosynthesis,
	Regulation of Intracellular Steroid Hormone Receptor Signaling

## Application Details

Application Notes:	Suggested dilution Reference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded
	sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal
	dilutions/concentrations should be determined by the researcher.Suggested
	dilutionReferenceICC/IF1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections)1:100-
	1:1000* Western blot1:500-1:3000*
Comment:	Positive Control: 293T , A431 , H1299
Restrictions:	For Research Use only

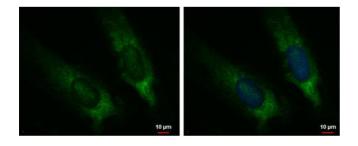
## Handling

Format:	Liquid
Concentration:	2 mg/mL
Buffer:	1XPBS, 40 % Glycerol ( pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN2855947 | 09/11/2023 | Copyright antibodies-online. All rights reserved. Storage Comment:

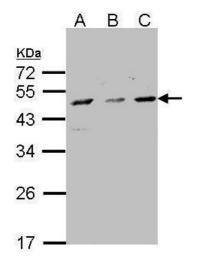
Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

#### Images



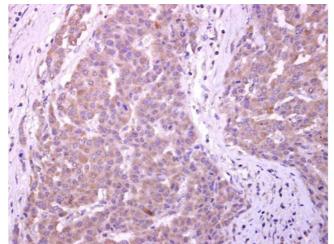
#### Immunofluorescence

**Image 1.** ICC/IF Image CYP7B1 antibody [C3], C-term detects CYP7B1 protein at cytoplasm by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: CYP7B1 protein stained by CYP7B1 antibody [C3], C-term , diluted at 1:500. Blue: Hoechst 33342 staining.



#### Western Blotting

**Image 2.** WB Image Sample(30 µg of whole cell lysate) A:293T B:A431, C:H1299 10% SDS PAGE antibody diluted at 1:1500



#### Immunohistochemistry

**Image 3.** IHC-P Image CYP7B1 antibody [C3], C-term detects CYP7B1 protein at cytoplasm on human liver carcinoma by immunohistochemical analysis. Sample: Paraffin-embedded human liver carcinoma. CYP7B1 antibody [C3], C-term, diluted at 1:500.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN2855947 | 09/11/2023 | Copyright antibodies-online. All rights reserved.