

Datasheet for ABIN7174623  
**anti-UGT1A1 antibody (AA 395-482)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	UGT1A1
Binding Specificity:	AA 395-482
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UGT1A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

## Product Details

Immunogen:	Recombinant Human UDP-glucuronosyltransferase 1-1 protein (395-482AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	>95%, Protein G purified

## Target Details

Target:	UGT1A1
Alternative Name:	UGT1A1 ( <a href="#">UGT1A1 Products</a> )
Background:	Background: UDPGT is of major importance in the conjugation and subsequent elimination of potentially toxic xenobiotics and endogenous compounds. This isoform glucuronidates bilirubin

## Target Details

IX-alpha to form both the IX-alpha-C8 and IX-alpha-C12 monoconjugates and diconjugate. Is also able to catalyze the glucuronidation of 17beta-estradiol, 17alpha-ethinylestradiol, 1-hydroxypyrene, 4-methylumbelliferone, 1-naphthol, paranitrophenol, scopoletin, and umbelliferone. Isoform 2 lacks transferase activity but acts as a negative regulator of isoform 1. Aliases: BILIQTL1 antibody, Bilirubin specific UDPGT isozyme 1 antibody, bilirubin UDP glucuronosyltransferase 1 1 antibody, bilirubin UDP glucuronosyltransferase isozyme 1 antibody, Bilirubin-specific UDPGT isozyme 1 antibody, EC 2.4.1.17 antibody, GNT1 antibody, HUG BR1 antibody, HUG-BR1 antibody, HUGBR1 antibody, PHENOL/BILIRUBIN UDP GLUCURONOSYLTRANSFERASE antibody, UD11\_HUMAN antibody, UDP glucuronosyltransferase 1 1 [Precursor] antibody, UDP glucuronosyltransferase 1 family polypeptide A1 antibody, UDP glucuronosyltransferase 1A1 antibody, UDP GLYCOSYLTRANSFERASE 1 antibody, UDP-glucuronosyltransferase 1-1 antibody, UDP-glucuronosyltransferase 1-A antibody, UDP-glucuronosyltransferase 1A1 antibody, UDPGT antibody, UDPGT 1-1 antibody, UGT 1A antibody, UGT-1A antibody, UGT1 antibody, UGT1 01 antibody, UGT1\*1 antibody, UGT1-01 antibody, UGT1.1 antibody, UGT1A antibody, Ugt1a1 antibody, URIDINE DIPHOSPHATE GLUCURONOSYLTRANSFERASE, BILIRUBIN/PHENOL antibody, URIDINE DIPHOSPHATE GLYCOSYLTRANSFERASE 1 antibody, URIDINE DIPHOSPHATE GLYCOSYLTRANSFERASE 1 FAMILY, POLYPEPTIDE A1 antibody

UniProt: [P22309](#)

Pathways: [Steroid Hormone Biosynthesis](#), [Regulation of Lipid Metabolism by PPARalpha](#)

## Application Details

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

Restrictions: For Research Use only

## Handling

Format: Liquid

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

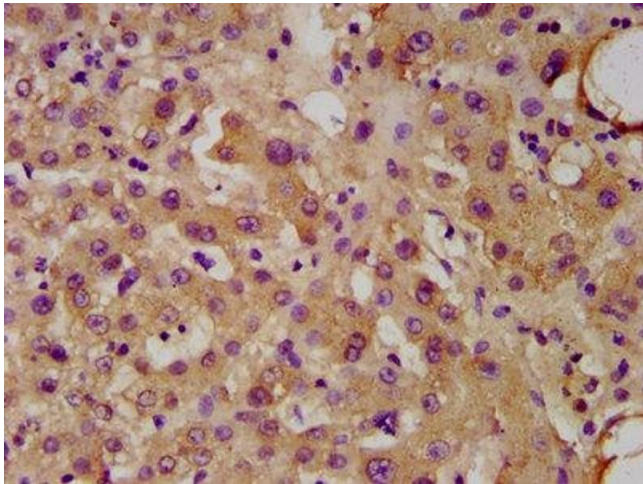
Preservative: ProClin

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

Handling

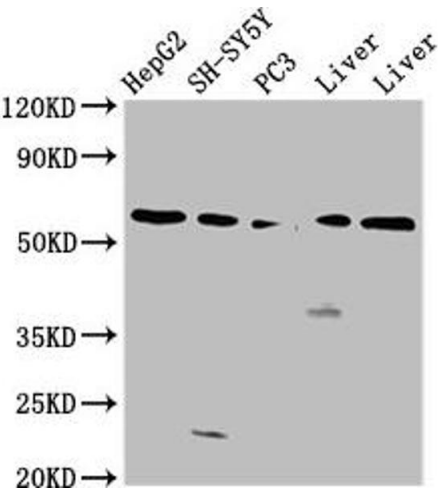
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunohistochemistry

**Image 1.** IHC image of ABIN7174623 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.



Western Blotting

**Image 2.** Western Blot Positive WB detected in: HepG2 whole cell lysate, SH-SY5Y whole cell lysate, PC-3 whole cell lysate, Rat liver tissue, Mouse liver tissue All lanes: UGT1A1 antibody at 4.2 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 60, 50 kDa Observed band size: 60 kDa