

Datasheet for ABIN6568068  
**anti-UGT1A1 antibody**



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1 Image

## Overview

Quantity:	200 µL
Target:	UGT1A1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UGT1A1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Recombinant protein of human UGT1A1
Isotype:	IgG
Purification:	Affinity purification

## Target Details

Target:	UGT1A1
Alternative Name:	UGT1A1 ( <a href="#">UGT1A1 Products</a> )
Background:	Synonyms: BILIQTL1,Bilirubin specific UDPGT isozyme 1 ,bilirubin UDP glucuronosyltransferase 1 1 ,bilirubin UDP glucuronosyltransferase isozyme 1 ,Bilirubin-specific UDPGT isozyme 1,EC 2.4.1.17,GNT1,HUG BR1,HUG-BR1,HUGBR1,PHENOL/BILIRUBIN UDP GLUCURONOSYLTRANSFERASE,UD11,UDP glucuronosyltransferase 1 1 [Precursor],UDP glucuronosyltransferase 1 family polypeptide A1 ,UDP glucuronosyltransferase 1A1,UDP

Target Details

GLYCOSYLTRANSFERASE 1,UDP-glucuronosyltransferase 1-1,UDP-glucuronosyltransferase 1-A,UDP-glucuronosyltransferase 1A1,UDPGT ,UDPGT 1-1,UGT 1A,UGT-1A,UGT1 ,UGT1 01,UGT1\*1,UGT1-01,UGT1.1,UGT1A,Ugt1a1,URIDINE DIPHOSPHATE  
GLUCURONOSYLTRANSFERASE, BILIRUBIN/PHENOL,URIDINE DIPHOSPHATE  
GLYCOSYLTRANSFERASE 1,URIDINE DIPHOSPHATE GLYCOSYLTRANSFERASE 1 FAMILY, POLYPEPTIDE A1

Background: This gene encodes a UDP-glucuronosyltransferase, an enzyme of the glucuronidation pathway that transforms small lipophilic molecules, such as steroids, bilirubin, hormones, and drugs, into water-soluble, excretable metabolites. This gene is part of a complex locus that encodes several UDP-glucuronosyltransferases. The locus includes thirteen unique alternate first exons followed by four common exons. Four of the alternate first exons are considered pseudogenes. Each of the remaining nine 5' exons may be spliced to the four common exons, resulting in nine proteins with different N-termini and identical C-termini. Each first exon encodes the substrate binding site, and is regulated by its own promoter. The preferred substrate of this enzyme is bilirubin, although it also has moderate activity with simple phenols, flavones, and C18 steroids. Mutations in this gene result in Crigler-Najjar syndromes types I and II and in Gilbert syndrome.

Molecular Weight:	Observed_MW: 75kDa Calculated_MW: 49kDa/59kDa
Gene ID:	54658
UniProt:	<a href="#">P22309</a>
Pathways:	<a href="#">Steroid Hormone Biosynthesis, Regulation of Lipid Metabolism by PPARalpha</a>

Application Details

Application Notes:	WB 1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

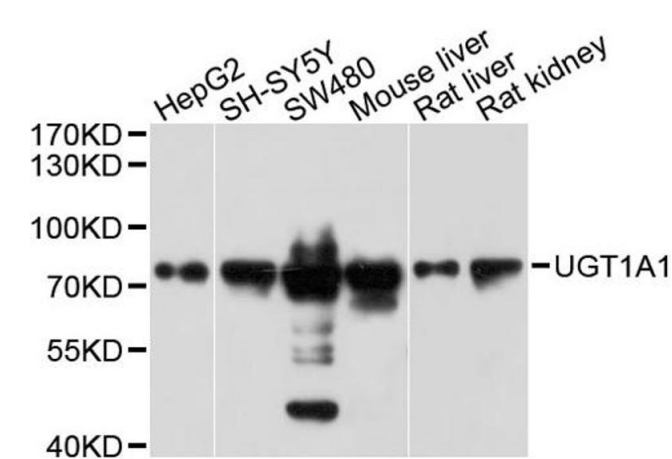
Handling

should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using UGT1A1 antibody.