

Datasheet for ABIN6149897  
**anti-UGT1A4 antibody (AA 29-150)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	UGT1A4
Binding Specificity:	AA 29-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UGT1A4 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 29-150 of human UGT1A4 (NP_009051.1).
Sequence:	GKVLVPTDG SPWLSMREAL RELHARGHQA VVLTPEVNMH IKEEKFFTLT AYAVPWTQKE FDRVTLGYTQ GFFETEHLK RYSRSM AIMN NVSLALHRCC VELLHNEALI RHLNATSFDV VL
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

## Target Details

Target:	UGT1A4
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## Target Details

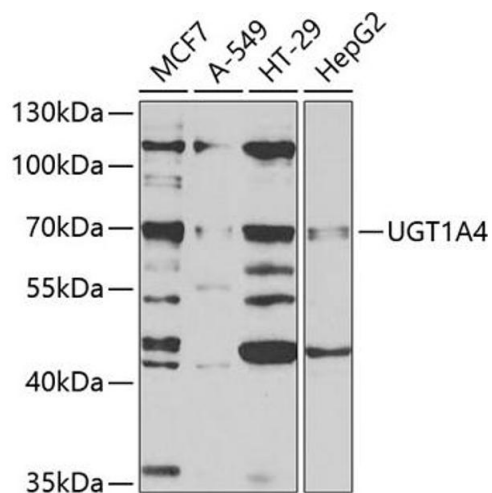
Alternative Name:	UGT1A4 ( <a href="#">UGT1A4 Products</a> )
Background:	<p>This gene encodes a UDP-glucuronosyltransferase, an enzyme of the glucuronidation pathway that transforms small lipophilic molecules, such as steroids, bilirubin, hormones, and drugs, into water-soluble, excretable metabolites. 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. This enzyme has some glucuronidase activity towards bilirubin, although is more active on amines, steroids, and sapogenins.,UGT1A4,HUG-BR2,UDPGT,UDPGT 1-4,UGT-1D,UGT1-04,UGT1.4,UGT1A4S,UGT1D,UDPGT1-4,Signal Transduction,Cell Biology &amp; Developmental Biology,Endocrine &amp; Metabolism,Drug metabolism,UGT1A4</p>
Molecular Weight:	49 kDa/60 kDa
Gene ID:	54657
UniProt:	<a href="#">P22310</a>
Pathways:	<a href="#">Steroid Hormone Biosynthesis</a> , <a href="#">Regulation of Lipid Metabolism by PPARalpha</a>

## Application Details

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

## Handling

Format:	Liquid
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 should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using UGT1 antibody (ABIN6132770, ABIN6149897, ABIN6149898 and ABIN6221194) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST.