

Datasheet for ABIN2782758  
**anti-UGT1A4 antibody (N-Term)**[Go to Product page](#)

## 1 Image

## Overview

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

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human UGT1A4
Sequence:	VVLTPENVNMH IKEEKFFTLT AYAVPWTQKE FDRVTLGYTQ GFFETEHLK
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against UGT1A4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	UGT1A4
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## Target Details

Alternative Name:	UGT1A4 ( <a href="#">UGT1A4 Products</a> )
Background:	<p>UGT1A4 is an enzyme of the glucuronidation pathway that transforms small lipophilic molecules, such as steroids, hormones, and drugs, into water-soluble, excretable metabolites. This enzyme has some glucuronidase activity towards amines, steroids, and sapogenins. 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.</p> <p>Alias Symbols: HUG-BR2, UDPGT, UGT1D, UGT-1D, UGT1.4, UGT1-04, UDPGT 1-4</p> <p>Protein Interaction Partner: CYB5A,</p> <p>Protein Size: 534</p>
Molecular Weight:	57 kDa
Gene ID:	54657
NCBI Accession:	<a href="#">NM_007120</a> , <a href="#">NP_009051</a>
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:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 534 AA
Restrictions:	For Research Use only

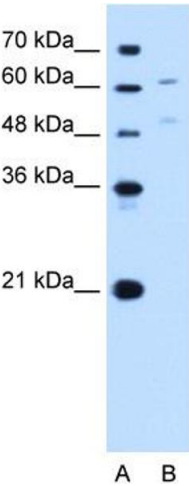
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



**Western Blotting**

**Image 1.** WB Suggested Anti-UGT1A4 Antibody Titration:  
0.2-1 ug/ml Positive Control: HepG2 cell lysate