

Datasheet for ABIN2783747  
**anti-UGT1A5 antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	UGT1A5
Binding Specificity:	N-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UGT1A5 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 UGT1A5
Sequence:	EENFFTLTTY AISWTQDEFD RLLLGHTQSF FETEHLLMKF SRRMAIMNNM
Predicted Reactivity:	Human: 100%, Rat: 83%
Characteristics:	This is a rabbit polyclonal antibody against UGT1A5. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	UGT1A5
Alternative Name:	UGT1A5 ( <a href="#">UGT1A5 Products</a> )

## Target Details

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.</p> <p>Alias Symbols: UDPGT, UGT1E, UDPGT 1-5</p> <p>Protein Size: 534</p>
Molecular Weight:	57 kDa
Gene ID:	54579
NCBI Accession:	<a href="#">NM_019078</a> , <a href="#">NP_061951</a>
UniProt:	<a href="#">P35504</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

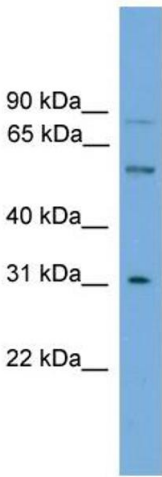
## Handling

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 should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

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.

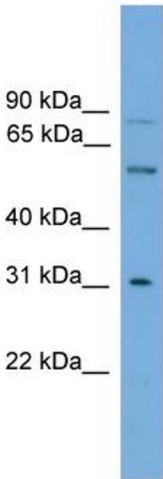
Images



90 kDa\_\_  
65 kDa\_\_  
40 kDa\_\_  
31 kDa\_\_  
22 kDa\_\_

**Western Blotting**

**Image 1.** WB Suggested Anti-UGT1A5 Antibody Titration:  
0.2-1 ug/ml Positive Control: HT1080 cell lysate



90 kDa\_\_  
65 kDa\_\_  
40 kDa\_\_  
31 kDa\_\_  
22 kDa\_\_

Rabbit Anti-UGT1A5 Antibody  
Catalog Number: ARP49439  
Lot Number: QC29129  
Lane: HT1080 Cell Lysate

Antibody Titration: 1.0µg/ml  
Gel Concentration: 12%

**Western Blotting**

**Image 2.** WB Suggested Anti-UGT1A5  
Antibody Titration: 0.2-1 µg/mL  
Positive Control: HT1080 cell lysate