

Datasheet for ABIN635878  
**anti-UGT1A7 antibody (N-Term)**



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1 Image

## Overview

Quantity:	100 µL
Target:	UGT1A7
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UGT1A7 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	UGT1 A7 antibody was raised using the N terminal of µgT1 7 corresponding to a region with amino acids VKTYSTSYTLEDQDREFMVFADARWTAPLRSAFSLLTSSSNIGIFDLFFSN
Specificity:	UGT1 A7 antibody was raised against the N terminal of µgT1 7
Purification:	Affinity purified

## Target Details

Target:	UGT1A7
Alternative Name:	UGT1A7 ( <a href="#">UGT1A7 Products</a> )
Background:	UGT1A7 is 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-

## Target Details

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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 enzyme encoded by this gene has moderate glucuronidase activity with phenols.

Molecular Weight: 57 kDa (MW of target protein)

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

## Application Details

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Application Notes: WB: 1 µg/mL  
Optimal conditions should be determined by the investigator.

Comment: UGT1A7 Blocking Peptide, catalog no. 33R-9639, is also available for use as a blocking control in assays to test for specificity of this µgT1A7 antibody

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of µgT0 7 antibody in PBS

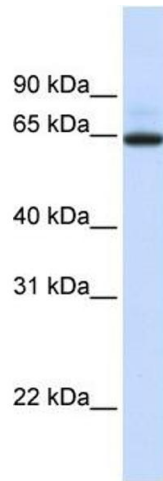
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



### Western Blotting

**Image 1.** UGT1A7 antibody used at 1 ug/ml to detect target protein.