

Datasheet for ABIN7271191
anti-UGT1A10 antibody (AA 50-150)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	UGT1A10
Binding Specificity:	AA 50-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UGT1A10 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	UGT1A10 Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 50-150 of human UGT1A10 (NP_061948.1).
Sequence:	LRGHEVVVVM PEVSWQLERS LNCTVKTYST SYTLEDQNRE FMVFAHAQWK AQAQSIFSL MSSSSGFLDL FFSHCRSLFN DRKLVEYLKE SSFDAVFLDP F
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

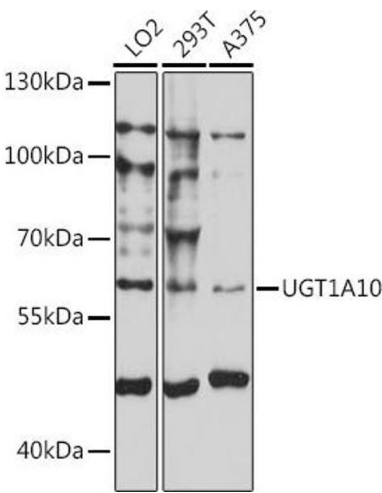
Target:	UGT1A10
Alternative Name:	UGT1A10 (UGT1A10 Products)
Background:	<p>This gene encodes a UDP-glucuronosyltransferase, an enzyme of the glucuronidation pathway that transforms small lipophilic molecules, such as steroids, bilirubin, hormones, and drugs, into water-soluble, excretable metabolites. 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. The enzyme encoded by this gene has glucuronidase activity on mycophenolic acid, coumarins, and quinolines.,UGT1A10;UDPGT;UGT-1J;UGT1-10;UGT1.10;UGT1J,Signal Transduction,Endocrine & Metabolism,Drug metabolism,UGT1A10</p>
Molecular Weight:	49kDa/59kDa
Gene ID:	54575
UniProt:	Q9HAW8
Pathways:	Steroid Hormone Biosynthesis , Regulation of Lipid Metabolism by PPARalpha

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 (ABIN7271191) 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. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.