

Datasheet for ABIN3022343
anti-UGT1A9 antibody (AA 26-250)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	UGT1A9
Binding Specificity:	AA 26-250
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UGT1A9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 26-250 of human UGT1A9 (NP_066307.1).
Sequence:	GKLLVPMDG SHWFTMRSVV EKLILRGHEV VVMPEVSWQ LGRSLNCTVK TYSTSYTLED LDREFKAFAH AQWKAQVRSI YSLLMGSYND IFDLFFSNCR SLFKDKKLVE YLKESSFDAV FLDPFDNCGL IVAKYFSLPS VVFARGILCH YLEEGAQCPA PLSYVPRILL GFSDAMTFKE RVRNHIMHLE EHLLCHRFFK NALEIASEIL QTPVTEYDLY SHTSI
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	UGT1A9
Alternative Name:	UGT1A9 (UGT1A9 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 is active on phenols.,UGT1A9,HLUGP4,LUGP4,UDPGT,UDPGT 1-9,UGT-1I,UGT1-09,UGT1-9,UGT1.9,UGT1A9S,UGT1AI,UGT1I,UDPGT1-9,Cancer,Signal Transduction,Endocrine & Metabolism,Lipid Metabolism,Drug metabolism,UGT1A9</p>
Molecular Weight:	49 kDa/59 kDa
Gene ID:	54600
UniProt:	O60656
Pathways:	Steroid Hormone Biosynthesis , Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Restrictions:	For Research Use only

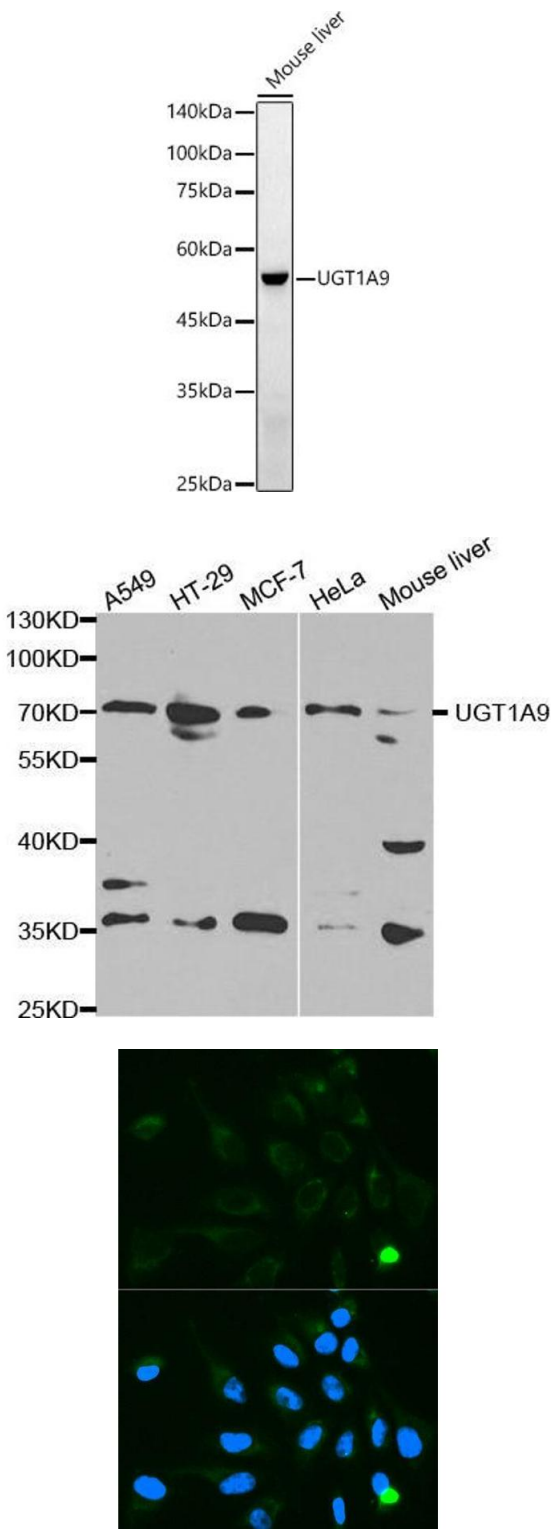
Handling

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.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C

Handling

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of Mouse liver, using UGT1 antibody (ABIN3022342, ABIN3022343, ABIN3022344 and ABIN6218752) 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: 90s.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using UGT1A9 antibody.

Immunofluorescence

Image 3. Immunofluorescence analysis of MCF7 cell using UGT1A9 antibody. Blue: DAPI for nuclear staining.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN3022343.