

Datasheet for ABIN2775485
anti-UGT1A9 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	UGT1A9
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Rabbit, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UGT1A9 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 UGT1A9
Sequence:	LLMGSYNDIF DLFFSNCRSL FKDKKLVEYL KESSFDAVFL DPFDCGLIV
Predicted Reactivity:	Human: 100%, Mouse: 93%, Rabbit: 92%, Rat: 100%, Sheep: 83%
Characteristics:	This is a rabbit polyclonal antibody against UGT1A9. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	UGT1A9
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Target Details

Alternative Name:	UGT1A9 (UGT1A9 Products)
Background:	<p>UGT1A9 is 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. UGT1A9 is active on phenols. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> <p>Alias Symbols: HLUGP4, LUGP4, UDPGT, UGT1AI, UGT1I, UGT-1I, UGT1-9, UGT1.9, UGT1-09, UDPGT 1-9</p> <p>Protein Size: 530</p>
Molecular Weight:	57 kDa
Gene ID:	54600
NCBI Accession:	NM_021027 , NP_066307
UniProt:	O60656
Pathways:	Steroid Hormone Biosynthesis , Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 530 AA
Restrictions:	For Research Use only

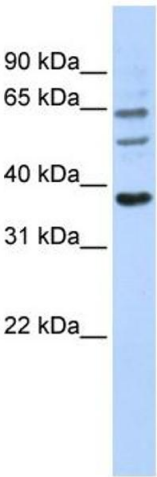
Handling

Format:	Liquid
Concentration:	Lot specific

Handling

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
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-UGT1A9 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: 293T cell lysate