

## UGT1A9 Antibody

Catalog No: #32372

Package Size: #32372-1 50ul #32372-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

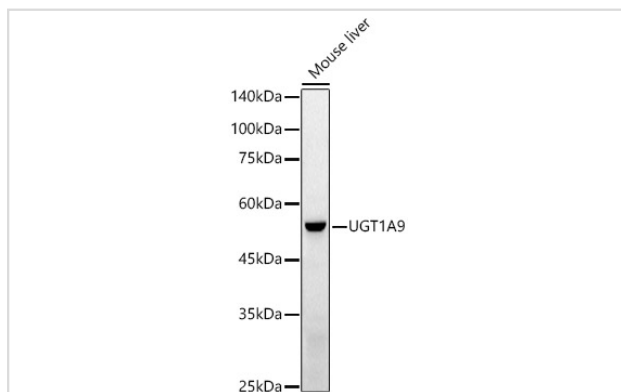
## Description

Product Name	UGT1A9 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total UGT1A9 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human UGT1A9 (NP_066307.1).
Target Name	UGT1A9
Other Names	UGT1A9;HLUGP4;LUGP4;UDPGT;UDPGT 1-9;UGT-1I;UGT1-09;UGT1-9;UGT1.9;UGT1A9S;UGT1AI;UGT1I;UDPGT1-9
Accession No.	Uniprot:O60656GeneID:54600
SDS-PAGE MW	55KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

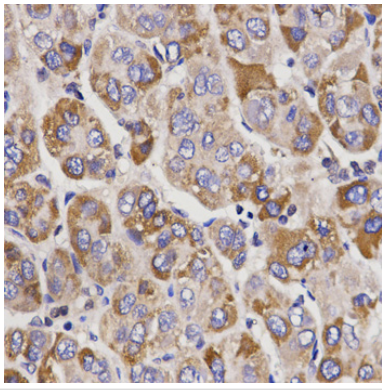
## Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200

## Images



Western blot analysis of extracts of Mouse liver, using UGT1A9 antibody.



Immunohistochemistry of paraffin-embedded human liver cancer using UGT1A9 antibody.

## Background

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.