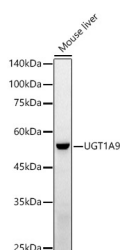


UGT1A9 Polyclonal Antibody

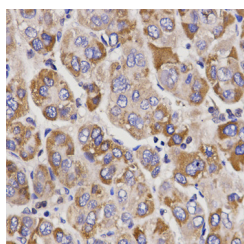
Catalog No.	E-AB-60398	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Western blot analysis of extracts of Mouse liver using UGT1A9 Polyclonal Antibody at 1:1000 dilution.



Immunohistochemistry of paraffin-embedded human liver cancer using UGT1A9 Polyclonal Antibody at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Immunogen Information

Immunogen	Recombinant fusion protein of human UGT1A9
GeneID	54600
Swissprot	O60656
Synonyms	UGT1A9,HLUGP4,LUGP4,UDPGT,UDPGT 1-9,UGT-1I,UGT1-09,UGT1-9,UGT1.9,UGT1A9S,UGT1AI,UGT1I,UDPGT1-9

Product Information

Calculated MW	49kDa/59kDa
Observed MW	55KDa
Buffer	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Purify	Affinity purification
Dilution	WB 1:500-1:2000,IHC 1:50-1:200

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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.