

UGT1A9 Rabbit Polyclonal Antibody



CAB1661

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

71kDa

Calculated MW:

49kDa/59kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Protein 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.

Immunogen information

Gene ID:

54600

Uniprot

O60656

Antibody Information

Recommended dilutions:

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

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Synonyms:

UGT1A9; HLUGP4; LUGP4; UDPGT; UDPGT 1-9; UGT-1I; UGT1-09;
UGT1-9; UGT1.9; UGT1A9S; UGT1AI; UGT1I; UDPGT1-9

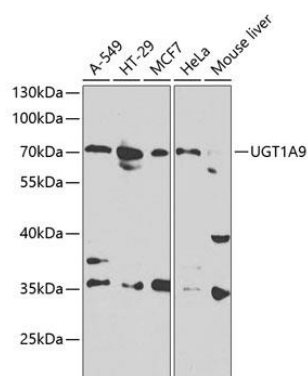
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 26-250 of human UGT1A9 (NP_066307.1).

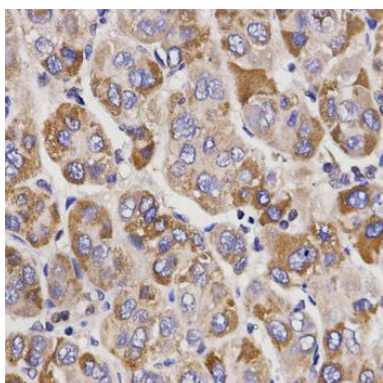
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

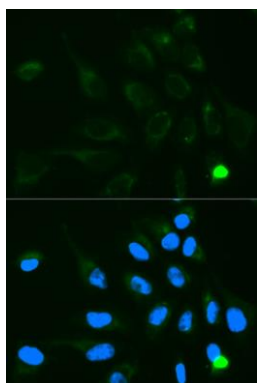
Product Images



Western blot analysis of extracts of various cell lines, using UGT1A9 antibody (CAB1661) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Immunohistochemistry of paraffin-embedded human liver cancer using UGT1A9 antibody (CAB1661) at dilution of 1:200 (40x lens).



Immunofluorescence analysis of MCF-7 cells using UGT1A9 antibody (CAB1661). Blue: DAPI for nuclear staining.