

UGT1A4 Rabbit Polyclonal Antibody



CAB5549

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

69kDa

Calculated MW:

49kDa/60kDa

Applications:

WB IHC

Reactivity:

Human, Mouse

Antibody Information

Recommended dilutions:

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

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

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. This enzyme has some glucuronidase activity towards bilirubin, although is more active on amines, steroids, and sapogenins.

Immunogen information

Gene ID:

54657

Uniprot

P22310

Synonyms:

UGT1A4; HUG-BR2; UDPGT; UDPGT 1-4; UGT-1D; UGT1-04;
UGT1.4; UGT1A4S; UGT1D; UDPGT1-4

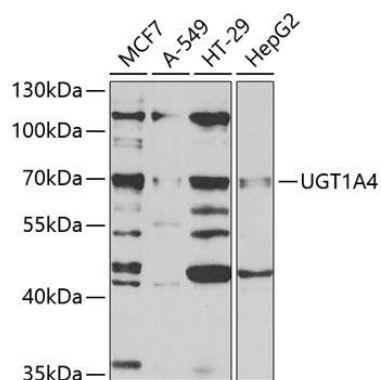
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 29-150 of human UGT1A4 (NP_009051.1).

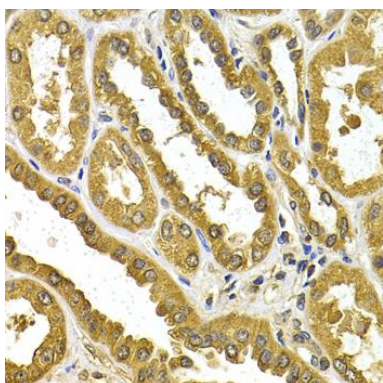
Storage:

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 UGT1A4 antibody (CAB5549) 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 kidney cancer using UGT1A4 antibody (CAB5549) at dilution of 1:200 (40x lens).