

# UGT1A6 Rabbit Polyclonal Antibody



CAB10033

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

75kDa

### Calculated MW:

29kDa/50kDa/60kDa

### Applications:

WB IHC

### Reactivity:

Human, Mouse, Rat

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:1000 IHC 1:50  
- 1:100

### 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. The enzyme encoded by this gene is active on phenolic and planar compounds. Alternative splicing in the unique 5' end of this gene results in two transcript variants.

## Immunogen information

### Gene ID:

54578

### Uniprot

P19224

### Synonyms:

UGT1A6; GNT1; HLUGP; HLUGP1; UDPGT; UDPGT 1-6; UGT1;  
UGT1A6S; UGT1F; UDPGT1-6

### Immunogen:

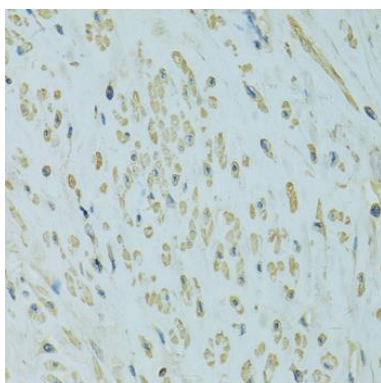
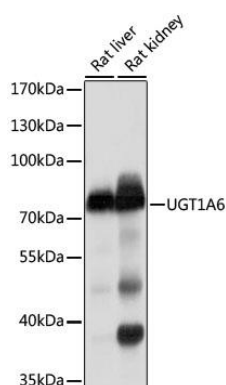
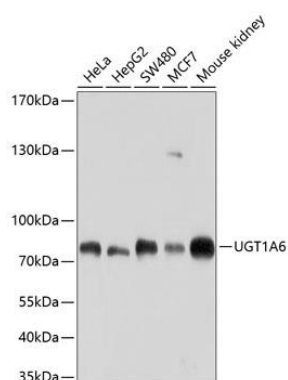
Recombinant fusion protein containing a sequence corresponding to amino acids 65-270 of human UGT1A6 (NP\_001063.2).

### Storage:

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

## Product Images

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Western blot analysis of extracts of various cell lines, using UGT1A6 antibody (CAB10033) 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. Detection: ECL Basic Kit (CABM00020). Exposure time: 60s.

Western blot analysis of extracts of HepG2 cells, using UGT1A6 antibody (CAB10033) 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. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.

Immunohistochemistry of paraffin-embedded human uterine cancer using UGT1A6 antibody (CAB10033) at dilution of 1:100 (40x lens).