

# UGT1A6 Rabbit pAb

Catalog No.: A17165

## Basic Information

### Observed MW

75kDa

### Calculated MW

61kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse

## 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.

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

54578

### Swiss Prot

P19224

### Immunogen

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

### Synonyms

GNT1; UGT1; HLUGP; UDPGT; UGT1A; UGT1C; UGT1E; UGT1F; HLUGP1; UGT-1A; UGT-1C; UGT-1E; UGT-1F; UGT1.1; UGT1.3; UGT1.5; UGT1.6; UGT1A1; UGT1A3; UGT1A5; UGT1-01; UGT1-03; UGT1-05; UGT1-06; UGT1A6S; hUG-BR1; UDPGT 1-6; UGT1A6

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

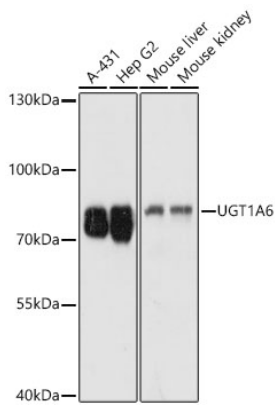
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of various lysates using UGT1A6 Rabbit pAb (A17165) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates / proteins: 25 µg per lane.  
Blocking buffer: 3 % nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.