

Product datasheet for **TA383077**

UGT1A6 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, WB
Recommended Dilution:	WB,1:500 - 1:2000 IF,1:50 - 1:100
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 65-270 of human UGT1A6 (NP_001063.2).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	29kDa/50kDa/60kDa
Gene Name:	UDP glucuronosyltransferase family 1 member A6
Database Link:	Entrez Gene 54578 Human P19224



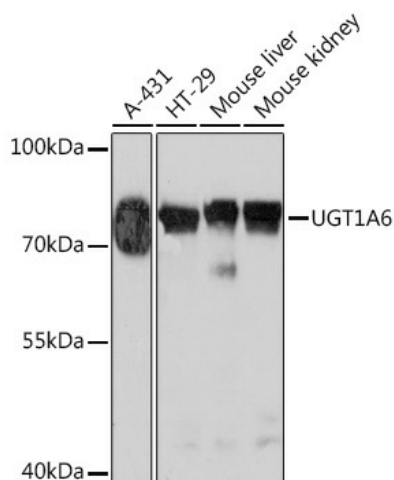
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Background:

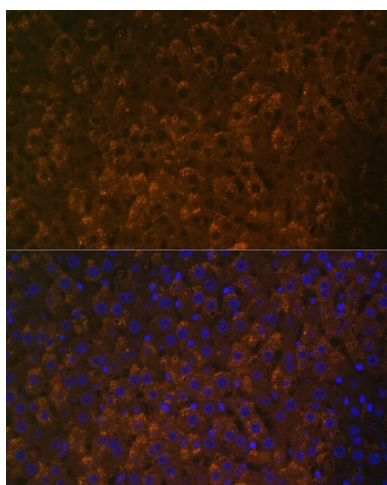
This gene encodes a UDP-glucuronosyltransferase, an enzyme of the glucuronidation pathway that transforms small lipophilic molecules, such as steroids, bilirubin, hormones, and drugs, into water-soluble, excretable metabolites. This gene is part of a complex locus that encodes several UDP-glucuronosyltransferases. 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.

Synonyms:

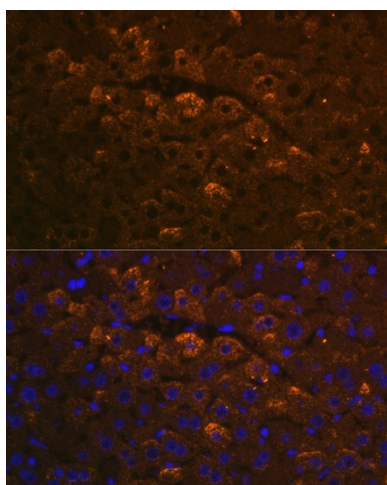
GNT1; HLUGP; HLUGP1; MGC29860; OTTHUMP00000065199; UDPGT; UGT-1F; UGT1; UGT1*6; UGT1-06; UGT1.6; UGT1A6S; UGT1F

Product images:

Western blot analysis of extracts of various cell lines, using UGT1A6 Rabbit pAb (TA383077) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 90s.



Immunofluorescence analysis of rat liver using UGT1A6 antibody (TA383077) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of mouse liver using UGT1A6 antibody (TA383077) at dilution of 1:100. Blue: DAPI for nuclear staining.