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UGT1A6 Polyclonal Antibody

Cat #: G-AB-07296

Host: Rabbit **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:**

Overview:
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.

Gene ID: 54578

Accession #:

Immunogen: Recombinant fusion protein of human UGT1A6 (NP_001063.2).

Conjugation: Unconjugated

Swissprot: P19224

Calculated Molecular Weight: 29 kDa/50 kDa/60 kDa

Observed Molecular Weight: 75 kDa

Concentration: 1 mg/mL

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3

Purification Method: Affinity purification

Application: WB,IHC

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

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