

	UGT1A4 Polyclonal Antibody	E 9 1 5 8 4 9
--	-------------------------------------	---------------------------------

Swiss-Prot No.:	P22310
Storage/Stability:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Immunogen:	A synthetic peptide of human UGT1A4 (NP_009051.1).
Purification:	Affinity purification
Reactivity:	Human, Mouse, Rat
Other Names:	—
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.
Gene ID:	54657

For Research Use Only

Source:	Rabbit
Antibody type:	Polyclonal Antibodies
Isotype:	IgG
Molecular Weight:	49kDa/60kDa
Recommended Dilutions:	WB 1:500 - 1:2000