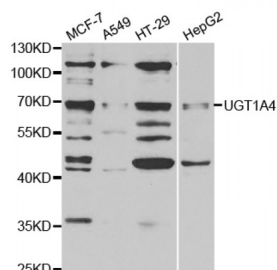


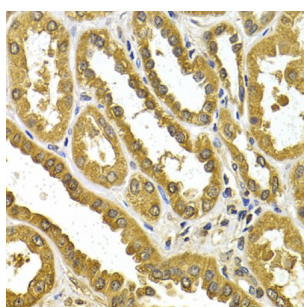
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UDP Glucuronosyltransferase Family 1 Member A4 (UGT1A4) Antibody

Catalogue No.: abx004248



Western blot analysis of extracts of various cell lines, using μ gT1A4 antibody (abx004248) at 1/1000 dilution.



Immunohistochemistry of paraffin-embedded human kidney cancer using μ gT1A4 antibody (abx004248) at dilution of 1/200 (40x lens).

UGT1A4 Antibody is a Rabbit Polyclonal antibody against UGT1A4. 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.

Target: UGT1A4

Reactivity: Human, Mouse

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB, IHC

Recommended dilutions: WB: 1/500 - 1/2000, IHC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human UGT1A4.

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Purification:	Affinity purified.
Form:	Liquid
Isotype:	IgG
Conjugation:	Unconjugated
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Molecular Weight:	Calculated MW: 49 kDa/60 kDa Observed MW: 69 kDa
Swiss Prot:	P22310
GeneID:	54657
Gene Symbol:	UGT1A4
Concentration:	> 1 mg/ml
Buffer:	PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.
Note:	This product is for research use only.