

Rabbit anti-Human UGT1A6 Polyclonal Antibody | anti-UGT1A6 antibody

Anti-UGT1A6 Antibody, Rabbit Polyclonal

CATALOG # AAA256617	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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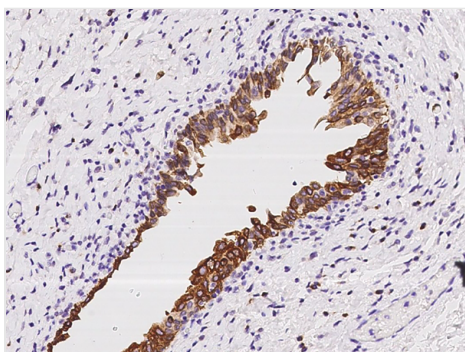
PRODUCT SYNONYMS

UGT1A6; Polyclonal Antibody; Anti-UGT1A6 Antibody; Rabbit Polyclonal; UGT1A6 Antibody; Rabbit PAb; Antigen Affinity Purified; UDP glucuronosyltransferase 1 family; polypeptide A6; Anti-GNT1 Antibody; Anti-HLUGP Antibody; Anti-HLUGP1 Antibody; Anti-UDPGT Antibody; Anti-UDPGT 1-6 Antibody; Anti-UGT1 Antibody; Anti-UGT1A6S Antibody; Anti-UGT1F Antibody; anti-UGT1A6 antibody

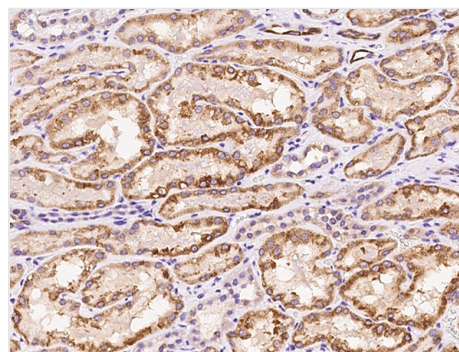
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human UGT1A6
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-UGT1A6 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human UGT1A6 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human UGT1A6 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunochemical staining of human UGT1A6 in human urinary bladder with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.


IHC (Immunohistochemistry)

Immunochemical staining of human UGT1A6 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-UGT1A6 antibody	The UDP glucuronosyltransferase 1A6 (UGT1A6) protein is expressed predominantly in the liver and metabolizes small phenolic drugs including acetaminophen, salicylates, and many beta-blockers. The metabolic enzyme of UGT1A6 has been considered to metabolize propofol intra-or extrahepatically. Genetic variants in the UGT1A6 enzyme are associated with delayed aspirin metabolism and greater chemopreventive efficacy. Variant genotypes of UGT1A6 associated with decreased metabolic activity have been associated with an enhanced protective effect of aspirin on the development of colorectal adenomas. The UGT1A6 and cytochrome P450 2C9 (CYP2C9) enzymes participate in the metabolism of nonsteroidal anti-inflammatory drugs, endogenous substances, and carcinogens. Functional polymorphisms of UGT1A6 (T181A and R184S) and CYP2C9 (R144C and I359L) have been reported to modify the protective effect of aspirin on colorectal adenoma risk.
References	Nagar S, et al. (2004) Human ugt1a6 pharmacogenetics: Identification of a novel snp, characterization of allele frequencies and functional analysis of recombinant allozymes in human liver tissue and in cultured cells. Pharmacogenetics 14 (8): 487-499.Hubner RA, et al. (2006) Genetic variants of ugt1a6 influence risk of colorectal adenoma recurrence. Clin Cancer Res 12 (21): 6585-6589.Gu J, et al. (2009) Pharmacokinetics of propofol and extrahepatic ugt1a6 gene expression in anhepatic rats. Pharmacology 84 (4): 219-226.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ugt1a6-antibody-immunohistochemistry-elisa/256617>