

Rabbit UGT1A6 Polyclonal Antibody | anti-UGT1A6 antibody

UGT1A6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329105	Rabbit	Human, Mouse, Rat	ELISA

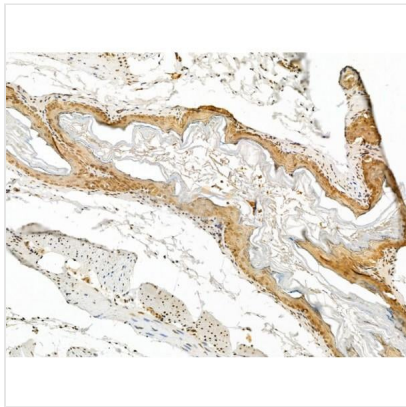
PRODUCT SYNONYMS

UGT1A6; Polyclonal Antibody; UGT1A6 Antibody; GNT1; HLUGP; HLUGP1; Phenol metabolizing UDP glucuronosyltransferase; Phenol-metabolizing UDP-glucuronosyltransferase; UD16_HUMAN; UDP glucuronosyltransferase 1 family polypeptide A6; UDP glucuronosyltransferase 1A6; UDP glycosyltransferase 1 family polypeptide A6; UDP-glucuronosyltransferase 1-6; UDP-glucuronosyltransferase 1-F; UDP-glucuronosyltransferase 1A6; UDPGT; UDPGT 1-6; UGT 1F; UGT-1F; UGT1; UGT1 06; UGT1*6; UGT1-06; UGT1.6; UGT1A6S; UGT1F; anti-UGT1A6 antibody

PRODUCT SPECIFICATIONS

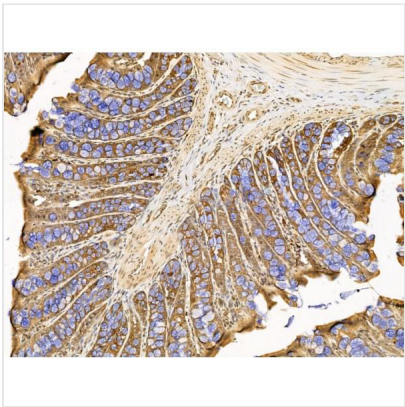
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	UGT1A6 Antibody detects endogenous levels of total UGT1A6.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	532
Applicable Applications for anti-UGT1A6 antibody	ELISA
Immunogen	A synthesized peptide derived from human UGT1A6, corresponding to a region within N-terminal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



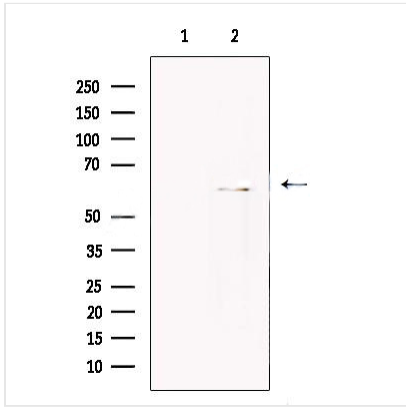
IHC (Immunohistochemistry)

AAA329105 at 1/100 staining Mouse stomach tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)

AAA329105 at 1/100 staining Rat colorectal tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from A431 cells, using UGT1A6 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-UGT1A6 antibody

Function: UDPGT is of major importance in the conjugation and subsequent elimination of potentially toxic xenobiotics and endogenous compounds. This isoform has specificity for phenols. Isoform 3 lacks transferase activity but acts as a negative regulator of isoform 1 (By similarity).

Subcellular Location: Microsome. Endoplasmic reticulum membrane>Single-pass membrane protein.

Tissue Specificity: Expressed in skin. Isoforms 1 and 3 are expressed in kidney and liver. Isoform 1 but not isoform 2 is expressed in colon, esophagus and small intestine.

Subunit Structure: Isoform 1 interacts with isoform 3/i2 suggesting that oligomerization is involved in negative regulation of transferase activity by isoform 3. Isoform 1 also interacts with respective i2 isoforms of UGT1A1, UGT1A3, UGT1A4, UGT1A7, UGT1A8, UGT1A9 and UGT1A10.

Similarity: Belongs to the UDP-glycosyltransferase family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	45827765
NCBI GeneID	54578
NCBI Accession #	NP_001063

NCBI GenBank Nucleotide #	NP_001063.2
UniProt Accession #	P19224
Molecular Weight	Observed Molecular Weight: (Observed)60kD. Predicted Molecular Weight: (Calculated)61kDa.
NCBI Official Full Name	UDP-glucuronosyltransferase 1-6 isoform 1
NCBI Official Synonym Full Names	UDP glucuronosyltransferase family 1 member A6
NCBI Official Symbol	UGT1A6
NCBI Official Synonym Symbols	GNT1; UGT1; HLUGP; UDPGT; UGT1A; UGT1C; UGT1E; UGT1F; HLUGP1; UGT-1A; UGT-1C; UGT-1E; UGT1.1; UGT1.3; UGT1.5; UGT1A1; UGT1A3; UGT1A5; UGT1-01; UGT1-03; UGT1-05; UGT1A6S; hUG-BR1; UDPGT 1-6
NCBI Protein Information	UDP-glucuronosyltransferase 1-6
UniProt Protein Name	UDP-glucuronosyltransferase 1-6
UniProt Gene Name	UGT1A6
UniProt Synonym Gene Names	GNT1; UGT1; UDPGT 1-6; UGT1*6; UGT1-06; UGT1.6; UGT-1F; UGT1F
UniProt Entry Name	UD16_HUMAN

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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