

Rabbit UGT1A6 Polyclonal Antibody | anti-UGT1A6 antibody

UGT1A6 Rabbit pAb

CATALOG # AAA281752	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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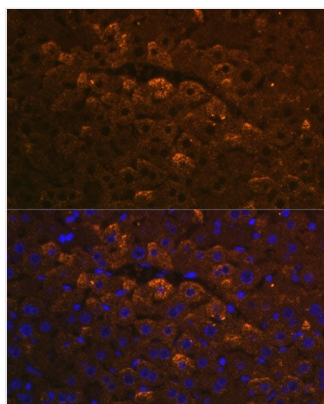
PRODUCT SYNONYMS

UGT1A6; Polyclonal Antibody; UGT1A6 Rabbit pAb; GNT1; HLUGP; HLUGP1; UDPGT; UDPGT 1-6; UGT1; UGT1A6S; UGT1F; UDPGT1-6; anti-UGT1A6 antibody

PRODUCT SPECIFICATIONS

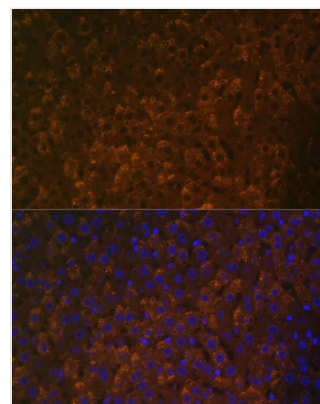
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	LLLKESKYYT RKIYPVPYDQ EELKNRYQSF GNNHFAERSF LTAPQTEYRN NMIVIGLYFI NCQSLLQDRD TLNFFKESKF DALFTDPALP CGVILAEYLG LPSVYLFRGF PCSLEHTFSR SPDPVSYIPR CYTKFSDHMT FSQRVANFLV NLLEPYLFYC LFSKYEELAS AVLKRDVDII TLYQKVS VWL LRYDFVLEYP RPYMPN
Applicable Applications for anti-UGT1A6 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 65-270 of human UGT1A6 (NP_001063.2).
Cellular Location	Endoplasmic reticulum membrane, Microsome, Single-pass membrane protein
Positive Samples	A-431, HT-29, Mouse liver, Mouse kidney
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



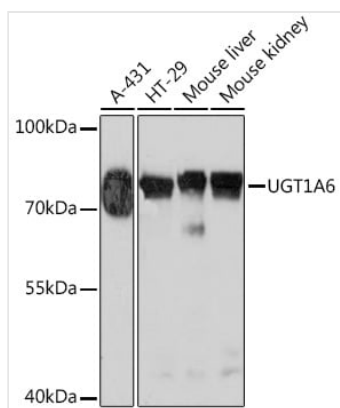
IF (Immunofluorescence)

Immunofluorescence analysis of mouse liver using UGT1A6 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of rat liver using UGT1A6 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using UGT1A6 Rabbit pAb at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-UGT1A6 antibody	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. 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.
Product Categories/Family for anti-UGT1A6 antibody	Endocrine & Metabolism ; Drug metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	45827765
NCBI GeneID	54578
NCBI Accession #	NP_001063
NCBI GenBank Nucleotide #	NM_001072
UniProt Accession #	P19224 ; Q96TE7 ; A6NKK6 ; B8K289
Molecular Weight	50,528 Da
NCBI Official Full Name	UDP-glucuronosyltransferase 1-6 isoform 1
NCBI Official Synonym Full Names	UDP glucuronosyltransferase 1 family, polypeptide A6
NCBI Official Symbol	UGT1A6
NCBI Official Synonym Symbols	GNT1; UGT1; HLUGP; UDPGT; UGT1F; HLUGP1; UGT1A6S; UDPGT 1-6
NCBI Protein Information	UDP-glucuronosyltransferase 1-6; UDP glycosyltransferase 1 family, polypeptide A6; UDP-glucuronosyltransferase 1 family polypeptide A6s; UDP-glucuronosyltransferase 1-F; UDP-glucuronosyltransferase 1A6; UGT-1F; UGT1*6; UGT1-06; phenol-metabolizing UDP-glu
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

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-immunofluorescence-western-blot-elisa/281752>