

Datasheet for ABIN7271193
anti-UGT1A6 antibody (AA 65-270)

3 Images

[Go to Product page](#)

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | UGT1A6 |
| Binding Specificity: | AA 65-270 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This UGT1A6 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunofluorescence (IF) |

Product Details

| | |
|-------------------|--|
| Purpose: | UGT1A6 Rabbit pAb |
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 65-270 of human UGT1A6 (NP_001063.2). |
| Sequence: | LLLKESKYYT RKIYPVPYDQ EELKNRYQSF GNNHFAERSF LTAPQTEYRN NMIVIGLYFI NCQSLQLDRD TLNFFKESKF DALFTDPALP CGVILAEYLG LPSVYLFRGF PCSLEHTFSR SPDPVSYIPR CYTKFSDHMT FSQRVANFLV NLLEPYLFYC LFSKYEELAS AVLKRDVDII TLYQKVS VWL LRYDFVLEYP RPYMPN |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Characteristics: | Polyclonal Antibodies |

Product Details

Purification: Affinity purification

Target Details

Target: UGT1A6

Alternative Name: UGT1A6 ([UGT1A6 Products](#))

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.,UGT1A6;GNT1;HLUGP;HLUGP1;UDPGT;UDPGT 1-6;UGT1;UGT1A6S;UGT1F;UDPGT1-6,Cancer,Signal Transduction,Endocrine & Metabolism,Drug metabolism,UGT1A6

Molecular Weight: 29kDa/50kDa/60kDa

Gene ID: 54578

UniProt: [P19224](#)

Pathways: [Steroid Hormone Biosynthesis, Regulation of Lipid Metabolism by PPARalpha](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IF,1:50 - 1:100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

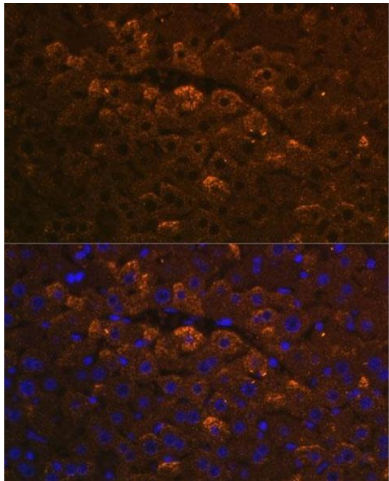
Handling

should be handled by trained staff only.

Storage: -20 °C

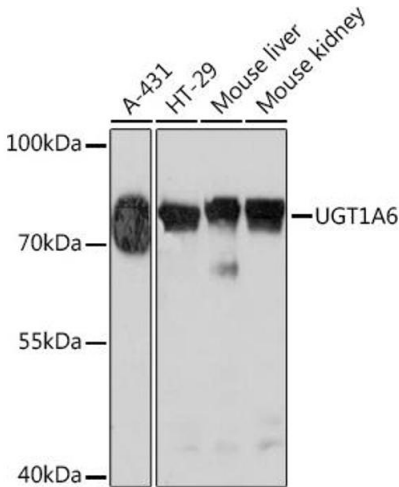
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



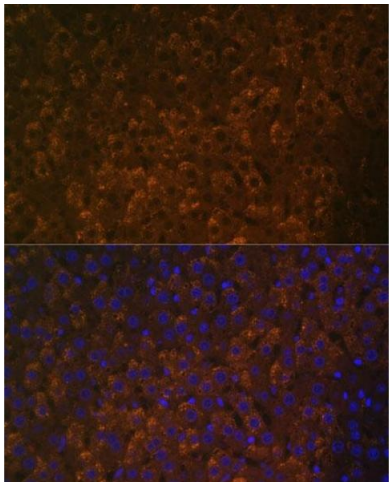
Immunofluorescence

Image 1. Immunofluorescence analysis of mouse liver using UGT1 antibody (ABIN7271193) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using UGT1 Rabbit pAb (ABIN7271193) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



Immunofluorescence

Image 3. Immunofluorescence analysis of rat liver using UGT1 antibody (ABIN7271193) at dilution of 1:100. Blue: DAPI for nuclear staining.