

DNAxPAb

Hard-to-Find
Antibody

UGT1A10 DNAxPab

Catalog # H00054575-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human UGT1A10 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MARAGWTSPVPLCVCLLLTCGFAEAGKLLVVPMDGSHWFTMQSVVEKLILRGHEVVVVMPEVS
WQLERSLNCTVKTYSTSYTLEDQNREFMVFAHAQWKAQAQSFSLMSSSSGFLDLFFSHCRSL
FNDRKLVEYLKESSFDAVFLDPFDTCLIVAKYFSLPSVVFTRGIFCHHLEEGAQC PAPLSVVPND
LLGFSDAMTFKERVWNHIVHLEDHLFCQYLFRNALEIASEILQTPVTAYDLYSHTSWLLRTDFVLDY
PKPVMPPNMIFIGGINCHQGKPLPMEFEAYINASGEHGIVVFSLGSMVSEIPEKKAMAIA DALGKIPQT
VLWRYTGTRPSNLANTILVKWLPQNDLLGHPMTRAFITHAGSHGVYESICNGVPMVMMPLFGDQ
MDNAKRMETKGAGVTLNVLEMTSEDLENALKAVINDKSYKENIMRLSSLHKDRPVEPLDLAVFW
VEFVMRHKGAPHLRPA AHDLTWYQYHSLDVIGFLLAVVLTVAFITFKCCAYGYRKCLGKKGRVKK
AHKSKTH

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — UGT1A10

Entrez GeneID [54575](#)

GeneBank Accession# [NM_019075.2](#)

Protein Accession# [NP_061948.1](#)

Gene Name UGT1A10

Gene Alias UDPGT, UGT1J

Gene Description UDP glucuronosyltransferase 1 family, polypeptide A10

Omim ID [606435](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 has glucuronidase activity on mycophenolic acid, coumarins, and quinolines. [provided by RefSeq]

Other Designations OTTHUMP00000065196|UDP glycosyltransferase 1 family, polypeptide A10|UDP-glucuronosyltransferase 1A10

Pathway

- [Androgen and estrogen metabolism](#)
- [Ascorbate and aldarate metabolism](#)
- [Drug metabolism - cytochrome P450](#)
- [Drug metabolism - other enzymes](#)
- [Metabolic pathways](#)

- [Metabolism of xenobiotics by cytochrome P450](#)
- [Pentose and glucuronate interconversions](#)
- [Porphyrin and chlorophyll metabolism](#)
- [Retinol metabolism](#)
- [Starch and sucrose metabolism](#)

Disease

- [Adenomatous Polyposis Coli](#)
- [Breast cancer](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Colon cancer](#)
- [Diabetes Mellitus](#)
- [Duodenal Neoplasms](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)
- [Kidney Failure](#)
- [Laryngeal Neoplasms](#)
- [Liver Neoplasms](#)
- [Mouth Neoplasms](#)
- [Neoplasms](#)
- [Tobacco Use Disorder](#)