

DNAXPAb

Hard-to-Find
Antibody

UGT1A3 DNAXPab

Catalog # H00054659-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human UGT1A3 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MATGLQVPLPWLATGLLLLLSVQPWAESGKVLVVPIDGSHWLSMREVLRELHARGHQAVVLTPE VNMHIKEENFFLTITYAISWTQDEFDRHVLGHTQLYFETEHFLKKFFRSMAMLNMSLVYHRSCVE LLHNEALIRHLNATSFDDVLTDPVNLCAAVLAKYLSIPTVFFLRNIPCDLDFKGTQCPNPSSYIPRL TTNSDHMTFMQRVKNMLYPLALSYICHAFSAPYASLASELFQREVSVDILSHASVWLFRGDFVM DYPRPIMPNMVFIGGINCANRKPLSQEFEAYINASGEHGVVFSLGSMVSEIPEKKAMAIADALGKIP QTVLWRYTGTRPSNLANTILVKWLPQNDLLGHPMTRAFITHAGSHGVYESICNGVPMVMMPLFG DQMDNAKRMETKGAGVTLNVLEMTSEDLENALKAVINDKSYKENIMRLSSLHKDRPVEPLDLAVF WVEFVMRHKGAPHLRPAHDLTWYQYHSLDVIGFLLAVVLTVAFITFKCCAYGYRKCLGKKGRVK KAHKSKTH
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 — UGT1A3

Entrez GeneID [54659](#)

GeneBank Accession# [BC166641.1](#)

Protein Accession# [AA166641.1](#)

Gene Name UGT1A3

Gene Alias UGT1C

Gene Description UDP glucuronosyltransferase 1 family, polypeptide A3

Omim ID [606428](#)

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. Substrates of this enzyme include estrone, 2-hydroxyestrone, and metabolites of benzo alpha-pyrene. [provided by RefSeq]

Other Designations OTTHUMP00000065193|UDP glucuronosyltransferase 1A3|UDP glycosyltransferase 1 family, polypeptide A3|UDP-glucuronosyltransferase

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](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Colon cancer](#)
- [Diabetes Mellitus](#)
- [Drug-Induced Liver Injury](#)
- [Duodenal Neoplasms](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Gilbert Disease](#)
- [Hearing Loss](#)
- [Hyperbilirubinemia](#)
- [Liver Neoplasms](#)