

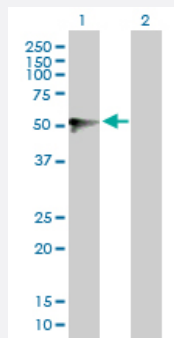
MaxPab®

# UGT1A9 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00054600-D01P

Size 100 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of UGT1A9 expression in transfected 293T cell line ([H00054600-T01](#)) by UGT1A9 MaxPab polyclonal antibody.

Lane 1: UGT1A9 transfected lysate(59.90 KDa).

Lane 2: Non-transfected lysate.

## Specification

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description           | Rabbit polyclonal antibody raised against a full-length human UGT1A9 protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Immunogen                     | UGT1A9 (NP_066307.1, 1 a.a. ~ 530 a.a) full-length human protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Sequence                      | <p>MACTGWTSPPLCVCLLLTCGFAEAGKLLVVPMDGSHWFTMRSVVEKLILRGHEVVVVMPEVS</p> <p>WQLGRSLNCTVKTYSTSYTLEDLDREFKAFHAQWKAQVRSIYLLMGSYNDIFDLFFSNCRSLF</p> <p>KDKKLVEYLKESSFDAVFLDPFDNCGLVAKYFSLPSVVFARGILCHYLEEGAQC PAPLSYVPRILL</p> <p>GFSDAMTFKERVNRNHHLEEHLLCHRRFFKNALEIASEILQTPVTEYDLYSHTSWLLRTDFVLDYPK</p> <p>PVMPNMIFIGGINCHQGKPLPMEFEAYINASGEHGIVVFSLGSMVSEIPEKKAMAADALGKIPQTVL</p> <p>WRYTGTRPSNLNNTILVKWLPQNDLLGHPMTRAFITHAGSHGVYESICNGVPMVMMPLFGDQM</p> <p>DNAKRMETKGAGVTNLNLEMTSEDLENALKAVINDKSYKENIMRLSSLHKDRPVEPLDLAVFWVE</p> <p>FVMRHKGAPHLRPAHDLTWYQYHSLDVIGFLLAVVLTVAFITFKCCAYGYRKCLGKKGRVKKAH</p> <p>KSKTH</p> |
| Host                          | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Reactivity                    | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Interspecies Antigen Sequence | Mouse (78); Rat (79)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 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.

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[Protocol Download](#)

## Gene Info — UGT1A9

## Entrez GeneID

[54600](#)

## GeneBank Accession#

[NM\\_021027.2](#)

## Protein Accession#

[NP\\_066307.1](#)

## Gene Name

UGT1A9

## Gene Alias

HLUGP4, LUGP4, UDPGT, UGT1A1

## Gene Description

UDP glucuronosyltransferase 1 family, polypeptide A9

## Omim ID

[606434](#)

## 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 is active on phenols. [provided by RefSeq]

## Other Designations

UDP glycosyltransferase 1 family, polypeptide A9|UDP-glucuronosyltransferase 1A9

## 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

- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
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- [Colonic Neoplasms](#)
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- [Diabetes Mellitus](#)
- [Diarrhea](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Gastrointestinal Diseases](#)
- [Genetic Predisposition to Disease](#)

- [Hearing Loss](#)
- [Leukopenia](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Malaria](#)
- [Mucocutaneous Lymph Node Syndrome](#)
- [Neoplasm Metastasis](#)
- [Neoplasms](#)
- [Neutropenia](#)
- [Ovarian cancer](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Tobacco Use Disorder](#)