

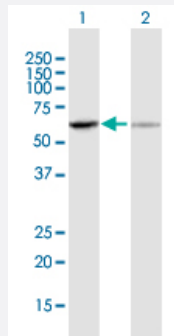
MaxPab®

UGT1A6 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00054578-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of UGT1A6 expression in transfected 293T cell line ([H00054578-T02](#)) by UGT1A6 MaxPab polyclonal antibody.

Lane 1: UGT1A6 transfected lysate(60.7 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human UGT1A6 protein.
Immunogen	UGT1A6 (AAH19861.1, 1 a.a. ~ 532 a.a) full-length human protein.
Sequence	MACLLRSFQRISAGVFFLALWGMVVGDKLLVVPQDGSWLSMKDIEVLSDRGHEIVVVPEVN LLLKESKYYTRKIYPVPYDQEELKNRYQSFGNNHFAERSFLTAPQTEYRNNMIVIGLYFINCQSLLQD RDTLNFFKESKFDALFTDPALPCGVILAEYLGPSVYLFRGFPCSLEHTFSRSPDPVSYIPRCYTKF SDHMTFSQRVANFLVNLLEPYLFYCLFSKYEELASAVLKRVDIITLYQKVS VWLLRYDFVLEYP RP VMPNMVFIGGINCKKRKDL SQEFEAYINASGEHGMVFSLGSMVSEIPEKKAMATADALGKIPQTVL WRYTGTRPSNLANNTILVKWLPQNDLLGHPMTRAFITHAGSHGVYESICNGVPMVMMPLFGDQM DNAKRMETKGAGVTNLNLEMTSEDLENALKAVINDKSYKENIMRLSSLHKDRPVEPLDLAVFWVE FVMRHKGAPHLRPAHDLTWYQYHSLDVIGFLLAVVLTVAFITFKCCAYGYRKCLGKKGRVKKAH KSKTH
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (78); Rat (80)
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 — UGT1A6

Entrez GeneID
[54578](#)
GeneBank Accession#
[BC019861.1](#)
Protein Accession#
[AAH19861.1](#)
Gene Name

UGT1A6

Gene Alias

GNT1, HLUGP, HLUGP1, MGC29860, UDPGT, UGT1, UGT1A6S, UGT1F

Gene Description

UDP glucuronosyltransferase 1 family, polypeptide A6

Omim ID
[606431](#)
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 phenolic and planar compounds. Alternative splicing in the unique 5' end of this gene results in two transcript variants. [provided by RefSeq]

Other Designations

OTTHUMP00000065199|UDP glycosyltransferase 1 family, polypeptide A6|UDP-glucuronosyltransferase 1 family polypeptide A6s|UDP-glucuronosyltransferase 1A6|phenol-metabolizing 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

- [Adenocarcinoma](#)
- [Adenoma](#)
- [Adenomatous Polyposis Coli](#)
- [Asthma](#)
- [Atrophy](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)

- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
- [DNA Damage](#)
- [Duodenal Neoplasms](#)
- [Edema](#)
- [Epilepsy](#)
- [Esophageal Neoplasms](#)
- [Gastrointestinal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Gilbert Disease](#)
- [Hearing Loss](#)
- [Hodgkin Disease](#)
- [Liver Neoplasms](#)
- [Microsatellite Instability](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Occupational Diseases](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pancreatitis](#)
- [Peptic Ulcer](#)
- [Peptic Ulcer Hemorrhage](#)
- [Rectal Neoplasms](#)
- [Stress](#)