

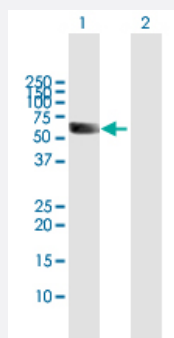
MaxPab®

UGT1A9 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00054600-D01

Size 100 uL

Applications

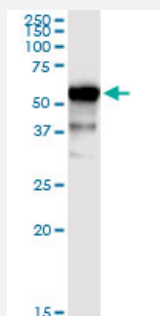


Western Blot (Transfected lysate)

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.



Immunoprecipitation

Immunoprecipitation of UGT1A9 transfected lysate using anti-UGT1A9 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with UGT1A9 purified MaxPab mouse polyclonal antibody (B01P) ([H00054600-B01P](#)).

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	MACTGWTSPPLPLCVCLLLTCGFAEAGKLLVVPMDGSHWFTMRSVVEKLILRGHEVVVVMPEVS WQLGRSLNCTVKTYSTSYTLEDLDREFKAFHAQWKAQVRSIYSLLMGSYNDIFDLFFSNCRSLF KDKKLVEYLKESSFDAVFLDPFDNCGLVAKYFSLPSVVFARGILCHYLEEGAQCPAPLSYVPRILL GFSDAMTFKERVNRNHIMHLEEHLCHRFFKNALEIASEILQTPVTEYDLYSHTSMWLLRTDFVLDYPK PVMPNMIFIGGINCHQGKPLPMEFEAYINASGEHGVVSLGSMVSEIPEKKAMAADALGKIPQTVL WRYTGTRPSNLANNTILVKWLPQNDLLGHPMTRAFITHAGSHGVYESICNGVPMVMMPPLFGDQM DNAKRMETKGAGVTNLNVLEMTSEDLENALKAVINDKSYKENIMRLSSLHKDRPVEPLDLAVFWVE FVMRHKGAPHLRPAAHDLTWYQYHSLDVIGFLLAVVLTVAFITFKCCAYGYRKCLGKKGRVKKAH KSKTH
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (78); Rat (79)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

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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

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- [Ascorbate and aldarate metabolism](#)
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- [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](#)

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