

UGT1A5 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13024**Specification**

UGT1A5 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	P35504
Other Accession	NM_019078 , NP_061951
Reactivity	Human, Rat
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57kDa KDa

UGT1A5 antibody - N-terminal region - Additional Information**Gene ID** 54579**Alias Symbol** UDPGT, UGT1E, UDPGT 1-5**Other Names**

UDP-glucuronosyltransferase 1-5, UDPGT 1-5, UGT1*5, UGT1-05, UGT1.5, 2.4.1.17, UDP-glucuronosyltransferase 1-E, UGT-1E, UGT1E, UDP-glucuronosyltransferase 1A5, UGT1A5, GNT1, UGT1

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-UGT1A5 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

UGT1A5 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

UGT1A5 antibody - N-terminal region - Protein Information**Name** UGT1A5 ([HGNC:12537](#))**Synonyms** GNT1, UGT1**Function**

[Isoform 1]: UDP-glucuronosyltransferase (UGT) that catalyzes phase II biotransformation reactions in which lipophilic substrates are conjugated with glucuronic acid to increase the metabolite's water solubility, thereby facilitating excretion into either the urine or bile (PubMed:18674515). Essential for the elimination and detoxification of drugs, xenobiotics and endogenous compounds (PubMed:<a

[18674515](http://www.uniprot.org/citations/18674515)). Involved in the glucuronidation of the AGTR1 angiotensin receptor antagonist zolarsatan, a drug which can inhibit the effect of angiotensin II (PubMed: [18674515](http://www.uniprot.org/citations/18674515)).

Cellular Location

Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:P22309}; Single-pass membrane protein

Tissue Location

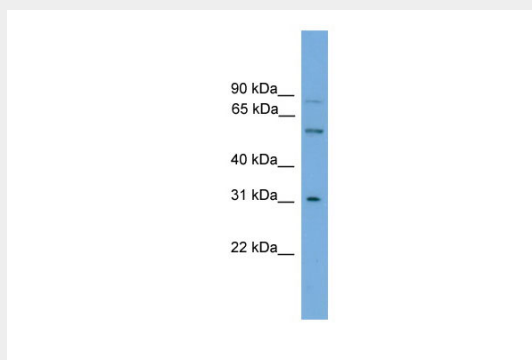
Isoform 1 and isoform 2 are expressed in colon and small intestine. Neither isoform is expressed in liver, kidney or esophagus.

UGT1A5 antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

UGT1A5 antibody - N-terminal region - Images



WB Suggested Anti-UGT1A5 Antibody Titration: 0.2-1 µg/ml
Positive Control: HT1080 cell lysate

UGT1A5 antibody - N-terminal region - References

Ritter J.K., et al. J. Biol. Chem. 267:3257-3261(1992).
Gong Q.H., et al. Pharmacogenetics 11:357-368(2001).
Hillier L.W., et al. Nature 434:724-731(2005).
Guillemette C., et al. Submitted (JAN-2006) to the EMBL/GenBank/DDBJ databases.
Girard H., et al. Pharmacogenet. Genomics 17:1077-1089(2007).