

UDB17 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP6505c**Specification**

UDB17 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [O75795](#)**UDB17 Antibody (Center) Blocking Peptide - Additional Information**

Gene ID 7367

Other NamesUDP-glucuronosyltransferase 2B17, UDPGT 2B17, C19-steroid-specific
UDP-glucuronosyltransferase, C19-steroid-specific UDPGT, UGT2B17**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP6505c](/products/AP6505c) was selected from the Center region of human UDB17. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

UDB17 Antibody (Center) Blocking Peptide - Protein InformationName UGT2B17 ([HGNC:12547](#))**Function**

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:[8798464](http://www.uniprot.org/citations/8798464), PubMed:[16595710](http://www.uniprot.org/citations/16595710), PubMed:[18719240](http://www.uniprot.org/citations/18719240), PubMed:[19022937](http://www.uniprot.org/citations/19022937), PubMed:[23288867](http://www.uniprot.org/citations/23288867)). Catalyzes the glucuronidation of endogenous steroid hormones such as androgens (epitestosterone, androsterone) and estrogens (estradiol, epiestradiol) (PubMed:[8798464](http://www.uniprot.org/citations/8798464), PubMed:[8798464](http://www.uniprot.org/citations/8798464)).

href="http://www.uniprot.org/citations/16595710" target="_blank">16595710, PubMed:18719240, PubMed:19022937, PubMed:23288867).

Cellular Location

Endoplasmic reticulum membrane; Single-pass membrane protein

Tissue Location

Expressed in various tissues including the liver, kidney, testis, uterus, placenta, mammary gland, adrenal gland, skin and prostate.

UDB17 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

UDB17 Antibody (Center) Blocking Peptide - Images**UDB17 Antibody (Center) Blocking Peptide - Background**

UGT2B17 belongs to the family of UDP-glucuronosyltransferases (UGTs; EC 2.4.1.17), enzymes that catalyze the transfer of glucuronic acid from uridine diphosphoglucuronic acid to a variety of substrates, including steroid hormones.

UDB17 Antibody (Center) Blocking Peptide - References

Balliet, R.M., Cancer Res. 69 (7), 2981-2989 (2009) Juul, A., J. Clin. Endocrinol. Metab. 94 (3), 1005-1011 (2009)