

Rabbit anti-Human UDB17 Polyclonal Antibody | anti-UGT2B17 antibody

UDB17 Antibody (Center)

CATALOG # AAA289585	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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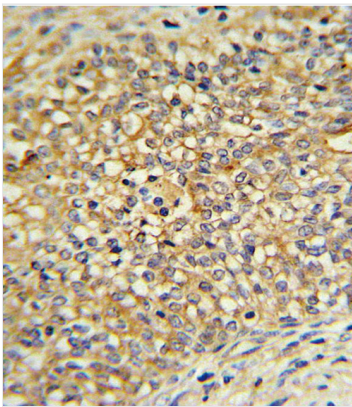
PRODUCT SYNONYMS

UDB17; Polyclonal Antibody; UDB17 Antibody (Center); UDP-glucuronosyltransferase 2B17; UDPGT 2B17; C19-steroid-specific UDP-glucuronosyltransferase; C19-steroid-specific UDPGT; UGT2B17; anti-UGT2B17 antibody

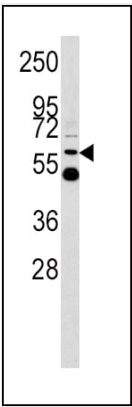
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This UDB17 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 119-147 amino acids from the Central region of human UDB17.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS)precipitation followed by dialysis against PBS.
Sequence Positions	119-147
Sequence Length	530
Applicable Applications for anti-UGT2B17 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Function	UDPGT is of major importance in the conjugation and subsequent elimination of potentially toxic xenobiotics and endogenous compounds. The major substrates of this isozyme are eugenol > 4-methylumbelliferone > dihydrotestosterone (DHT) > androstane-3-alpha,17-beta-diol (3-alpha-diol) > testosterone > androsterone (ADT).
Cellular Location	Microsome membrane; Single- pass membrane protein. 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
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
UDB17 Antibody (Center) IHC analysis in formalin fixed and paraffin embedded human Prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the UDB17 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of UDB17 antibody (Center) in Y79 cell line lysates (35ug/lane). UDB17 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-UGT2B17 antibody	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.
Product Categories/Family for anti-UGT2B17 antibody	Signal Transduction
References	Balliet,R.M., Cancer Res. 69 (7), 2981-2989 (2009) Juul,A., J. Clin. Endocrinol. Metab. 94 (3), 1005-1011 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507821
NCBI GeneID	7367
NCBI Accession #	NP_001068.1
NCBI GenBank Nucleotide #	NM_001077.3
UniProt Accession #	O75795
Molecular Weight	61095
NCBI Official Full Name	UDP-glucuronosyltransferase 2B17
NCBI Official Synonym Full Names	UDP glucuronosyltransferase 2 family, polypeptide B17
NCBI Official Symbol	UGT2B17
NCBI Official Synonym Symbols	BMND12; UDPGT2B17
NCBI Protein Information	UDP-glucuronosyltransferase 2B17
UniProt Protein Name	UDP-glucuronosyltransferase 2B17
UniProt Gene Name	UGT2B17
UniProt Synonym Gene Names	UDPGT 2B17; C19-steroid-specific UDPGT
UniProt Entry Name	UDB17_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/udb17-antibody-immunohistochemistry-western-blot-elisa/289585>