

**DATASHEET**

**UGT2B15 Rabbit Polyclonal Antibody**

CAT. NO. APA17242

**KEY FEATURES**

Target	UGT2B15	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IHC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

**BACKGROUND**

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 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 . Essential for the elimination and detoxification of drugs, xenobiotics and endogenous compounds . Catalyzes the glucuronidation of endogenous steroid hormones such as androgens (testosterone, androsterone) and estrogens (estradiol, epiestradiol, estriol, catechol estrogens) .

**APPLICATION**

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IHC	1:50 - 1:200

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

Description	Rabbit polyclonal antibody to UGT2B15
Specificity	Recognizes endogenous levels of UGT2B15 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human UGT2B15. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 61 kD; Observed: 61 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	UGT2B8; UDP-glucuronosyltransferase 2B15; UDPGT 2B15; HLU4; UDP-glucuronosyltransferase 2B8; UDPGT 2B8; UDPGTh-3
Gene Symbol	UGT2B15
Entrez Gene	7366(Human)
SwissProt	P54855(Human); P36511(Rat)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

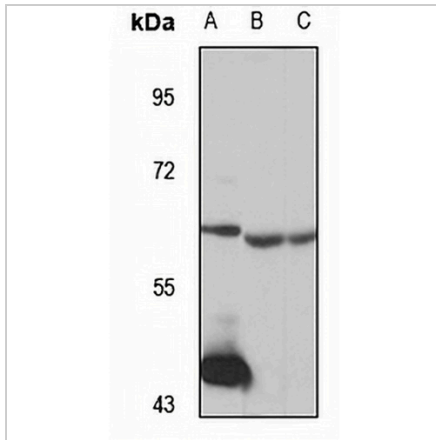
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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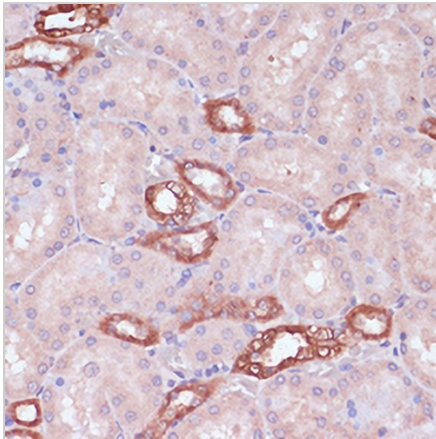
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**DATA**



Western blot analysis of UGT2B15 expression in MCF7 (A), mouse liver (B), rat liver (C) whole cell lysates. (Predicted band size: 61 kD; Observed band size: 61 kD)



Immunohistochemical analysis of UGT2B15 staining in rat kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.