

## DATASHEET

# UGT2B4 Rabbit Polyclonal Antibody

CAT. NO. APA17243

### KEY FEATURES

Target	UGT2B4	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	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 the endogenous estrogen hormones such as estradiol and estriol .

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

### PRODUCT OVERVIEW

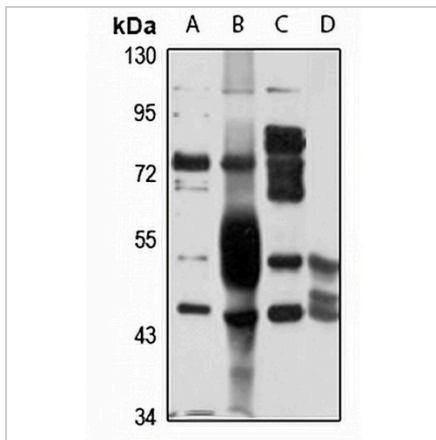
Description	Rabbit polyclonal antibody to UGT2B4
Specificity	Recognizes endogenous levels of UGT2B4 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human UGT2B4. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 42; Observed: 50; 44 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	UGT2B11; UDP-glucuronosyltransferase 2B4; UDPGT 2B4; HLUG25; Hyodeoxycholic acid-specific UDPGT; UDPGTh-1
Gene Symbol	UGT2B4
Entrez Gene	7363(Human)
SwissProt	P06133(Human)

\*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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**DATA**

Western blot analysis of UGT2B4 expression in HT1080 (A), mouse liver (B), mouse brain (C), rat kidney (D) whole cell lysates. (Predicted band size: 42; 44; 60 kD; Observed band size: 50; 44 kD)

**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.