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AP23764PU-N	Polyclonal Antibody to UGT2B2 (423-436) - Aff - Purified	
Alternate names:	RLUG23, UDP-glucuronosyltransferase 2B2, UDPGT 2B2, UDPGTr-4, Ugt2b	
Quantity:	0.1 mg	
Concentration:	0.5 mg/ml	
Background:	Ugt2b is an enzyme involved in conjugating lipophilic aglycon substrates with glucuronic acid [RGD]. Ugt2b is of major importance in the conjugation and subsequent elimination of potentially toxic xenobiotics and endogenous compounds acting on various endogenous steroids, especially etiocholanolone and androsterone.	
Uniprot ID:	<u>P08541</u>	
NCBI:	<u>NP_113721.3</u>	
Host:	Goat	
Immunogen:	Peptide with sequence from the internal region of the protein sequence according to NP_113721.3. Genename: Ugt2b AA Sequence: C-KLDFLSALEEVIDN	
Format:	State: Liquid purified Ig fraction Purification: Ammonium Sulphate Precipitation followed by antigen Affinity Chromatography using the immunizing peptide. Buffer System: Tris saline, pH 7.3 containing 0.02% Sodium Azide as preservative and 0.5% BSA as stabilizer.	
Applications:	Peptide ELISA: Detection Limit: 1/32000. Western blot: 0.1-0.3 μg/ml. Approx 50kDa band observed in Rat Kidney lysates (calculated MW of 61.0kDa according to NP_113721.3). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.	
Specificity:	Recognizes Ugt2b (423-436). This antibody is NotT expected to cross-react with other Ugt2 proteins.	
Species Reactivity:	Tested: Rat.	
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.	

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.

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Pictures:	AP23764PU-N Ugt2b antibody staining of Rat Kidney lysate at 0.1 μg/ml (35 μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.	250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa 15kDa

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