

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:	P08541
NCBI:	NP_113721.3
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.

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.

