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## UGT2B4 Rabbit pAb

Catalog Number: bs-4225R

Target Protein: UGT2B4

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ELISA (1:5000-10000)

Reactivity: (predicted:Human, Sheep)

Predicted MW: 58 kDa

Entrez Gene: 7363

Swiss Prot: P06133

Source: KLH conjugated synthetic peptide derived from human UGT2B4: 111-210/528.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** The UDP-Glucuronosyltransferases (UGT) comprise a family of enzymes that detoxify and enhance the urinary excretion of a wide variety of xenobiotic and endogenous substrates by transferring glucuronic acid to sulfhydryl, hydroxyl, aromatic amino, or carboxylic acid groups. They have been subdivided into two families, UGT1 and UGT2, based on the evolutionary divergence of their genes. The enzymes of the UGT1A family play an important role in the metabolism of dietary constituents, phenols, and therapeutic drugs, and also the glucuronidation of bilirubin and iodothyronines. The enzymes of the UGT2B family are involved in the metabolism of bile acids, phenol derivatives, catecholestrogens and steroids. Although it is widely recognized that the liver is the major site of glucuronidation, it is now clear that UGT enzymes are also found in extra-hepatic tissues.