

## PRODUCT DATA SHEET

Bioworld Technology,Inc.

# **UGT3A2** polyclonal antibody

Catalog: BS8994 Host: Rabbit Reactivity: Human, Mouse, Rat

#### **BackGround:**

UDP-glucuronosyltransferase isoenzymes (UGTs) catalyze the glucuronidation of small lipophilic molecules, thereby regulating the bioactivity and metabolic fate of a wide range of endogenous compounds and xenobiotics. Glucuronidation increases the polarity of lipophilic molecules and facilitates their entry into aqueous compartments and, ultimately, their excretion. In essence, glucuronidation provides a protective function by terminating or attenuating the biological activity of its substrates. The UGT3A family of isoenzymes are expressed in liver and kidney, and to a lesser, in the gastrointestinal tract. UGT3A2 (UDP glycosyltransferase 3 family, polypeptide A2) is a 523 amino acid single-pass type I membrane protein that belongs to the UDP-glycosyltransferase family. It has been suggested that members of the UGT3A family may have an important role in the metabolism and elimination of ursodeoxycholic acid, a metabolic byproduct of intestinal bacteria.

## **Product:**

1mg/ml in PBS with 0.1% Sodium Azide, 50% Glycerol.

## **Molecular Weight:**

~ 60kDa

#### **Swiss-Prot:**

Q3SY77

#### **Purification&Purity:**

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

## **Applications:**

WB 1:500 - 1:2000

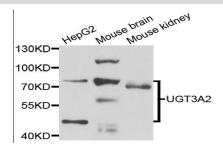
## Storage&Stability:

Store at  $4\,\mathrm{C}$  short term. Aliquot and store at -20  $\mathrm{C}$  long term. Avoid freeze-thaw cycles.

#### **Specificity:**

UGT3A2 polyclonal antibody detects endogenous levels of UGT3A2 protein.

#### **DATA:**



Western blot analysis of extracts of various cell lines, using UGT3A2 antibody.

# Note:

For research use only, not for use in diagnostic procedure.

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