

UGT2B11 polyclonal antibody

Catalog: BS31784

Host: Rabbit

Reactivity: Human

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. Exhibits narrow substrate specificity and very low catalytic activity compared to other UGT2B subfamily members. Preferentially glucuronidates catechol estrogens. Also conjugates estriol and 3 α -hydroxysteroids with activities 30-90 fold lower than UGT2B7. Shows no activity toward testosterone, hyodeoxycholic acid or most drugs. Physiological role remains unclear due to limited substrate range and low catalytic efficiency

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~61.0 kDa

Swiss-Prot:

O75310

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

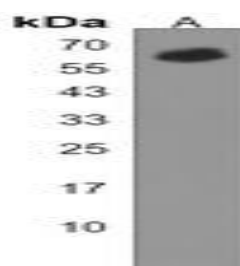
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of UGT2B11 protein.

DATA:



Western blot analysis of Syntenin expression in HeLa (A) whole cell lysates.

Immunofluorescent analysis of Syntenin staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Note:

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

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