

**SULT1C3 polyclonal antibody**

Catalog: BS34294

Host: Rabbit

Reactivity: Human

BackGround:

Sulfotransferase 1C3: Sulfotransferase that utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor. Has sulfotransferase activity towards various substrates, such as bile acids, thyroid hormones and toward xenobiotic compounds such as chloro phenols and hydroxypyrenes. Lithocholic acid appears to be the best substrate among the endogenous compounds tested and 3,3',5,5'-tetrachloro-4,4'-biphenyldiol shows the highest specific activity among the xenobiotic compounds

Product:

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

Molecular Weight:

~35.9 kDa

Swiss-Prot:

Q6IMI6

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 SULT1C3 protein

DATA:

Western blot analysis of 5-HT3B expression in SKNSH (A), Hela (B) whole cell lysates.

Immunofluorescent analysis of 5-HT3B 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).

Flow cytometric analysis of HeLa cells using Anti-5-HT3B Antibody (green) and negative control (red).

Note:

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

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