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UGT2B38 (m): 293T Lysate: sc-124455

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 UGT2B family of isoenzymes are highly expressed in liver, but are also detected in several non-hepatic tissues, including skin, breast, prostate, intestine, placenta and lung. UGT2B38 (UDP glucuronosyltransferase 2 family, polypeptide B38) is the rodent ortholog of human UGT2B17, which plays an important role in the elimination of toxic compounds from several tissues throughout the body.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: Ugt2b38 (mouse) mapping to 5 E1.

PRODUCT

UGT2B38 (m): 293T Lysate represents a lysate of mouse UGT2B38 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

UGT2B38 (m): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive UGT2B38 antibodies. Recommended use: 10-20 µl per lane.

Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

STORAGE

Store at -20° C. Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.

RESEARCH USE

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

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.