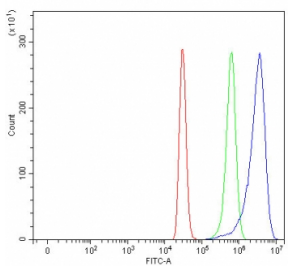
SULT1C4 Antibody / Sulfotransferase 1C4 (RQ8208)

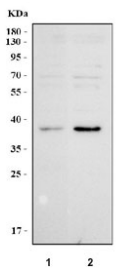
Catalog No.	Formulation	Size
RQ8208	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O75897
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This SULT1C4 antibody is available for research use only.



Flow cytometry testing of fixed and permeabilized human HepG2 cells with SULT1C4 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= SULT1C4 antibody.



Western blot testing of human 1) SH-SY5Y and 2) 293T cell lysate with SULT1C4 antibody. Predicted molecular weight ~38 kDa.

Description

Sulfotransferase 1C4 is an enzyme that in humans is encoded by the SULT1C4 gene. Sulfotransferase enzymes catalyze the sulfate conjugation of many hormones, neurotransmitters, drugs, and xenobiotic compounds. These cytosolic enzymes are different in their tissue distributions and substrate specificities. The gene structure (number and length of exons) is similar among family members. This gene encodes a protein that belongs to the SULT1 subfamily, responsible for transferring a sulfo moiety from PAPS to phenol-containing compounds.

Application Notes

Optimal dilution of the SULT1C4 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids M1-F302) was used as the immunogen for the SULT1C4 antibody.

Storage

After reconstitution, the SULT1C4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Copyright © NSJ Bioreagents. All rights reserved.