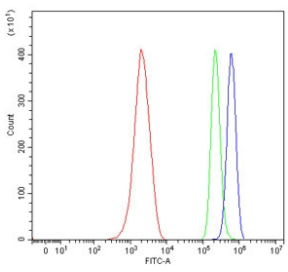
Glucuronosyltransferase 1A1 Antibody / Ugt1a1 (RQ7420)

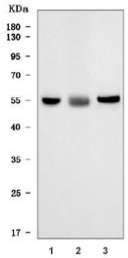
Catalog No.	Formulation	Size
RQ7420	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse, Rat
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	Q63886
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This Glucuronosyltransferase 1A1 antibody is available for research use only.



Flow cytometry testing of mouse ANA-1 cells with Glucuronosyltransferase 1A1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Glucuronosyltransferase 1A1 antibody.



Western blot testing of 1) rat liver, 2) rat RH35 and 3) mouse liver tissue lysate with Glucuronosyltransferase 1A1 antibody. Predicted molecular weight ~59 kDa.

Description

UDP-glucuronosyltransferase 1-1 also known as UGT-1A is an enzyme that in humans is encoded by the UGT1A1 gene. Predicted to enable several functions, including glucuronosyltransferase activity; protein dimerization activity; and retinoic acid binding activity. Predicted to be involved in several processes, including biphenyl catabolic process; cellular glucuronidation; and negative regulation of cellular glucuronidation. Is integral component of plasma membrane. Part of endoplasmic reticulum chaperone complex. Is expressed in alimentary system; nervous system; and urinary system. Human ortholog(s) of this gene implicated in several diseases, including bilirubin metabolic disorder (multiple); cholecystolithiasis; cholelithiasis; female reproductive organ cancer (multiple); and hepatitis B. Orthologous to human UGT1A1 (UDP glucuronosyltransferase family 1 member A1).

Learn more about the biological functions, applications, and validated products on our UGT1A1 Antibody / Drug Metabolism Enzyme Antibody page.

Application Notes

Optimal dilution of the Glucuronosyltransferase 1A1 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant mouse protein (amino acids H57-D248) was used as the immunogen for the Glucuronosyltransferase 1A1 antibody.

Storage

After reconstitution, the Glucuronosyltransferase 1A1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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