

SLCO2A1 polyclonal antibody

Catalog: BS36124

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Solute carrier organic anion transporter family member 2A1: Mediates the transport of prostaglandins (PGs, mainly PGE2, PGE1, PGE3, PGF2alpha, PGD2, PGH2) and thromboxanes (thromboxane B2) across the cell membrane. PGs and thromboxanes play fundamental roles in diverse functions such as intraocular pressure, gastric acid secretion, renal salt and water transport, vascular tone, and fever. Plays a role in the clearance of PGs from the circulation through cellular uptake, which allows cytoplasmic oxidation and PG signal termination. PG uptake is dependent upon membrane potential and involves exchange of a monovalent anionic substrate (PGs exist physiologically as an anionic monovalent form) with a stoichiometry of 1:1 for divalent anions or of 1:2 for monovalent anions. Uses lactate, generated by glycolysis, as a counter-substrate to mediate PGE2 influx and efflux. Under nonglycolytic conditions, metabolites other than lactate might serve a...

Product:

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

Molecular Weight:

~70.0 kDa

Swiss-Prot:

Q92959

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), IHC (1/50 - 1/200)

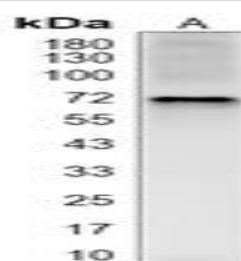
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

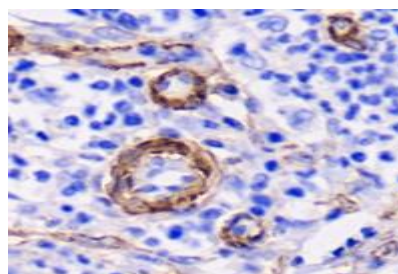
Specificity:

Recognizes endogenous levels of SLCO2A1 protein

DATA:



Western blot analysis of Nucleophosmin expression in rat heart (A) whole cell lysates.



Note:

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

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