antibodies

Datasheet for ABIN7170299 anti-SLCO2A1 antibody (AA 416-518)

4 Images



Overview

Quantity:	100 µg
Target:	SLC02A1
Binding Specificity:	AA 416-518
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLCO2A1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Solute carrier organic anion transporter family member 2A1 protein (416- 518AA)
lsotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	>95%, Protein G purified

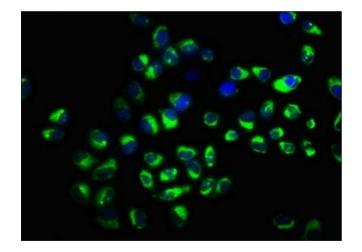
Target Details

Target:	SLC02A1
Alternative Name:	SLC02A1 (SLC02A1 Products)
Background:	Background: May mediate the release of newly synthesized prostaglandins from cells, the

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Target Details	
	transepithelial transport of prostaglandins, and the clearance of prostaglandins from the circulation. Transports PGD2, as well as PGE1, PGE2 and PGF2A. Aliases: SLCO2A1 antibody, OATP2A1 antibody, SLC21A2 antibody, Solute carrier organic anion transporter family member 2A1 antibody, Prostaglandin transporter antibody, PGT antibody, Solute carrier family 21 member 2 antibody
UniProt:	Q92959
Application Details	
Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:500-1:1000, IF:1:50-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

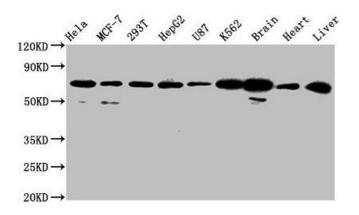
Images

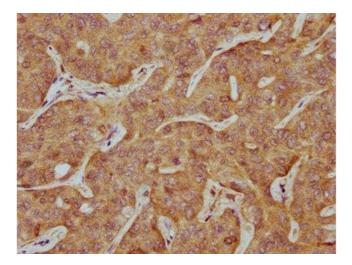


Immunofluorescence

Image 1. Immunofluorescence staining of Hela cells with ABIN7170299 at 1:166, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).

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Western Blotting

Image 2. Western Blot Positive WB detected in: Hela whole cell lysate, MCF-7 whole cell lysate, 293T whole cell lysate, HepG2 whole cell lysate, U87 whole cell lysate, K562 whole cell lysate, Rat brain tissue, Mouse heart tissue, Mouse liver tissue All lanes: SLCO2A1 antibody at 2.7 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 71 kDa Observed band size: 71 kDa

Immunohistochemistry

Image 3. IHC image of ABIN7170299 diluted at 1:500 and staining in paraffin-embedded human liver cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Please check the product details page for more images. Overall 4 images are available for ABIN7170299.

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