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Datasheet for ABIN651897 anti-SLC10A1 antibody (AA 316-343)

2 Images

1 Publication



Overview

| Quantity: | 200 µL |
|----------------------|--|
| Target: | SLC10A1 |
| Binding Specificity: | AA 316-343 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SLC10A1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Flow Cytometry (FACS) |

Product Details

| Immunogen: | This SLC10A1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 316-343 amino acids of human SLC10A1. |
|---------------|---|
| Clone: | RB26909 |
| Isotype: | lgG |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

| Target: | SLC10A1 |
|-------------------|---|
| Alternative Name: | SLC10A1 (SLC10A1 Products) |
| Background: | Sodium/bile acid cotransporters are integral membrane glycoproteins that participate in the |

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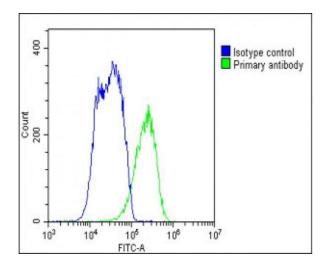
Target Details

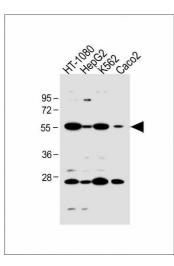
| terohepatic circulation of bile acids. Two homologous transporters are involved in the absorption of bile acids, one absorbing from the intestinal lumen, the bile duct, and the kidney th an apical localization (SLC10A2, MIM 601295), and the other being found in the basolateral embranes of hepatocytes (SLC10A1). 119 54 2_003040 4973 |
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| th an apical localization (SLC10A2, MIM 601295), and the other being found in the basolatera embranes of hepatocytes (SLC10A1). 119 54 2_003040 |
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| 3: 1:1000. FC: 1:25 |
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| rified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. |
| dium azide |
| is product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which |
| ould be handled by trained staff only. |
| oid freeze-thaw cycles. |
| C,-20 °C |
| aintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small |
| quots. |
| nonths |
| |

Publications

Product cited in: Chang, Nam, Kook, Kim, Liu, Yao, Jung, Lemos, Seo, Park, Gim, Hong, Huh, Kim, Tan, Liu, Powis, Park, Liang, Kim: "HNF4? is a therapeutic target that links AMPK to WNT signalling in earlystage gastric cancer." in: **Gut**, (2014) (PubMed).

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Flow Cytometry

Image 1. Overlay histogram showing HepG2 cells stained with (ABIN651897 and ABIN2840443)(green line). The cells were fixed with 2 % paraformaldehyde 10 min. The cells were then icubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody ((ABIN651897 and ABIN2840443), 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(1583138) at 1/200 dilution for 40 min at 37 °C. Isotype control antibody (blue line) was rabbit IgG1 (1 μ g/1x10^6 cells) used under the same conditions. Acquisition of >10,000 events was performed.

Western Blotting

Image 2. All lanes : Anti-SLC10A1 Antibody (C-term) at 1:1000 dilution Lane 1: HT-1080 whole cell lysate Lane 2: HepG2 whole cell lysate Lane 3: K562 whole cell lysate Lane 4: Caco2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 38 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

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