



Datasheet for ABIN652034

anti-SLC9A3R1 antibody (AA 168-197)



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3 Images

1 Publication

Overview

Quantity:	400 µL
Target:	SLC9A3R1
Binding Specificity:	AA 168-197
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC9A3R1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This SLC9A3R1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 168-197 amino acids of human SLC9A3R1.
Clone:	RB21816
Isotype:	IgG
Predicted Reactivity:	B, Pr
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	SLC9A3R1
Alternative Name:	SLC9A3R1 (SLC9A3R1 Products)

Target Details

Molecular Weight:	38868
Gene ID:	9368
NCBI Accession:	NP_004243
UniProt:	O14745
Pathways:	Proton Transport , Platelet-derived growth Factor Receptor Signaling , Negative Regulation of Transporter Activity , SARS-CoV-2 Protein Interactome

Application Details

Application Notes: WB: 1:2000. WB: 1:1000. FC: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

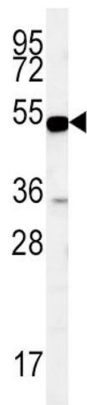
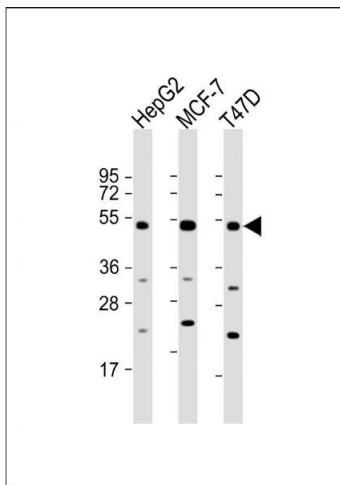
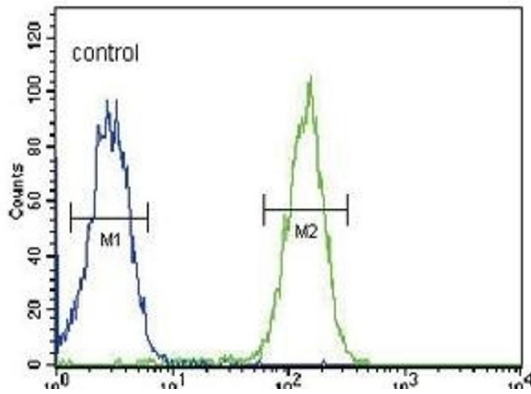
Storage: 4 °C,-20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months

Publications

Product cited in: Gehrke, Wörns, Huber, Hess, Straub, Hövelmeyer, Waisman, Kim, Schuppan, Galle, Schattenberg : "Hepatic B cell leukemia-3 promotes hepatic steatosis and inflammation through insulin-sensitive metabolic transcription factors." in: **Journal of hepatology**, Vol. 65, Issue 6, pp. 1188-1197, (2018) ([PubMed](#)).



Flow Cytometry

Image 1. SLC9A3R1 Antibody (Center) (ABIN652034 and ABIN2840508) flow cytometric analysis of MDA-M cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. All lanes : Anti-SLC9A3R1 Antibody (Center) at 1:2000 dilution Lane 1: HepG2 whole cell lysate Lane 2: MCF-7 whole cell lysate Lane 3: T47D 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 : 39 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.

Western Blotting

Image 3. SLC9A3R1 Antibody (Center) (ABIN652034 and ABIN2840508) western blot analysis in MDA-M cell line lysates (35 µg/lane). This demonstrates the SLC9A3R1 antibody detected the SLC9A3R1 protein (arrow).