



Datasheet for ABIN390795
anti-SLC38A3 antibody (AA 442-468)



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2 Images

Overview

Quantity:	400 µL
Target:	SLC38A3
Binding Specificity:	AA 442-468
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC38A3 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This SLC38A3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 442-468 amino acids from the Central region of human SLC38A3.
Clone:	RB20717
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	SLC38A3
Alternative Name:	SLC38A3 (SLC38A3 Products)

Target Details

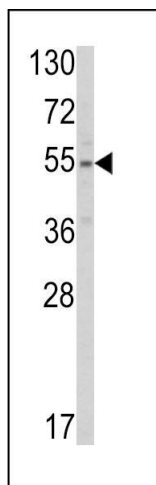
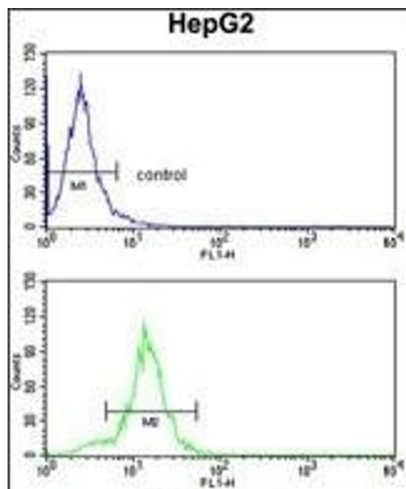
Background:	SLC38A3 is sodium-dependent amino acid/proton antiporter. It mediates electrogenic cotransport of glutamine and sodium ions in exchange for protons and also recognizes histidine, asparagine and alanine. This protein may mediate amino acid transport in either direction under physiological conditions. It may play a role in nitrogen metabolism and synaptic transmission.
Molecular Weight:	55773
Gene ID:	10991
NCBI Accession:	NP_006832
UniProt:	Q99624

Application Details

Application Notes:	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



Flow Cytometry

Image 1. SLC38A3 Antibody (Center) (ABIN390795 and ABIN2841042) flow cytometry analysis of HepG2 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of SLC38A3 Antibody (Center) (ABIN390795 and ABIN2841042) in HepG2 cell line lysates (35 µg/lane). SLC38A3 (arrow) was detected using the purified Pab.