

Datasheet for ABIN6244110
anti-SLC5A8 antibody (AA 579-609)[Go to Product page](#)

1 Image

Overview

Quantity:	200 µL
Target:	SLC5A8
Binding Specificity:	AA 579-609
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC5A8 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This SLC5A8 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 579-609 amino acids from the human SLC5A8.
Clone:	RB54852
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	SLC5A8
Alternative Name:	SLC5A8 (SLC5A8 Products)
Background:	Acts as an electrogenic sodium (Na ⁺) and chloride (Cl ⁻)-dependent sodium-coupled solute

Target Details

transporter, including transport of monocarboxylates (short-chain fatty acids including L-lactate, D-lactate, pyruvate, acetate, propionate, valerate and butyrate), lactate, monocarboxylate drugs (nicotinate, benzoate, salicylate and 5-aminosalicylate) and ketone bodies (beta-D-hydroxybutyrate, acetoacetate and alpha-ketoisocaproate), with a Na(+):substrate stoichiometry of between 4:1 and 2:1. Catalyzes passive carrier mediated diffusion of iodide. Mediates iodide transport from the thyrocyte into the colloid lumen through the apical membrane. May be responsible for the absorption of D- lactate and monocarboxylate drugs from the intestinal tract. Acts as a tumor suppressor, suppressing colony formation in colon cancer, prostate cancer and glioma cell lines. May play a critical role in the entry of L-lactate and ketone bodies into neurons by a process driven by an electrochemical Na(+) gradient and hence contribute to the maintenance of the energy status and function of neurons.

Molecular Weight: 66578

UniProt: [Q8N695](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

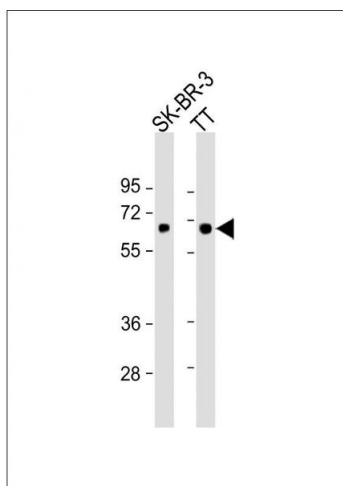
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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

Expiry Date: 6 months



Western Blotting

Image 1. All lanes : Anti-SLC5A8 Antibody (C-Term) at 1:1000 dilution Lane 1: SK-BR-3 whole cell lysate Lane 2: TT 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 : 67 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.