

Datasheet for ABIN1881812  
**anti-SLC5A8 antibody (C-Term)**[1 Image](#)[1 Publication](#)[Go to Product page](#)

## Overview

Quantity:	400 µL
Target:	SLC5A8
Binding Specificity:	AA 548-574, C-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC5A8 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This Mouse Slc5a8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 548-574 amino acids from the C-terminal region of mouse Slc5a8.
Clone:	RB40849
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 ( <a href="#">SLC5A8 Products</a> )
Background:	Acts as an electrogenic sodium (Na(+)) and chloride (Cl <sup>-</sup> )-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. 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: 66766

NCBI Accession: [NP\\_663398](#)

UniProt: [Q8BYF6](#)

## 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.

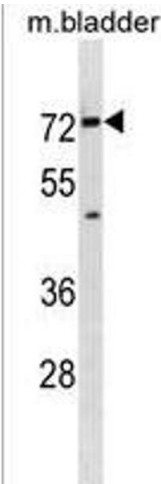
Storage: 4 °C, -20 °C

Expiry Date: 6 months

## Publications

Product cited in: Guzel, Yazici, Pek, Doganay, Simsek, Saglam, Turan, Yazici: "Atrial natriuretic peptide and posterior pituitary neurohormone changes in patients with acute schizophrenia." in: **Neuropsychiatric disease and treatment**, Vol. 14, pp. 1855-1860, (2018) ([PubMed](#)).

Yuksel, Ital, Balaban, Kocak, Seven, Kucur, Erbakirci, Keskin: "Immediate breastfeeding and skin-to-skin contact during cesarean section decreases maternal oxidative stress, a prospective randomized case-controlled study." in: **The journal of maternal-fetal & neonatal medicine**, Vol. 29, Issue 16, pp. 2691-6, (2017) ([PubMed](#)).



**Western Blotting**

**Image 1.** Mouse Slc5a8 Antibody (C-term) (ABIN1881812 and ABIN2838785) western blot analysis in mouse bladder tissue lysates (35 µg/lane). This demonstrates the Mouse Slc5a8 antibody detected the Mouse Slc5a8 protein (arrow).