

Datasheet for ABIN7270485

anti-SLC8A3 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	SLC8A3
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC8A3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	SLC8A3 Rabbit pAb
Immunogen:	Recombinant protein of human SLC8A3.
Isotype:	IgG
Cross-Reactivity:	Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	SLC8A3
Alternative Name:	SLC8A3 (SLC8A3 Products)
Background:	This gene encodes a member of the sodium/calcium exchanger integral membrane protein

Target Details

family. Na⁺/Ca²⁺ exchange proteins are involved in maintaining Ca²⁺ homeostasis in a wide variety of cell types. The protein is regulated by intracellular calcium ions and is found in both the plasma membrane and intracellular organellar membranes, where exchange of Na⁺ for Ca²⁺ occurs in an electrogenic manner. Alternative splicing has been observed for this gene and multiple variants have been described. [provided by RefSeq, Aug 2013],NCX3,SLC8A3,Calcium Signaling,Endocrine & Metabolism,Neuroscience,Signal Transduction,SLC8A3

Gene ID: 6547

UniProt: [P57103](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

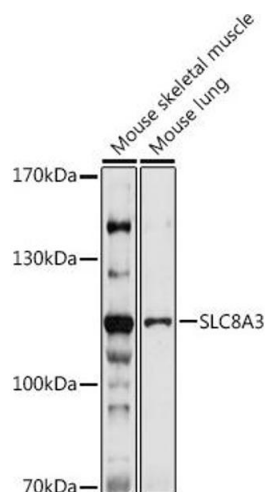
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

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: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using SLC8 antibody (ABIN7270485) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 120s.