

Datasheet for ABIN534018

anti-SLC9A3 antibody (pSer605)**1** Image**1** Publication[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	SLC9A3
Binding Specificity:	pSer605
Reactivity:	Rat, Mouse, Rabbit, Opossum
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SLC9A3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Purpose:	Mouse monoclonal antibody raised against synthetic phosphopeptide of Slc9a3.
Immunogen:	Synthetic phosphopeptide corresponding to residues surrounding S605 of rat Slc9a3.
Clone:	10A8
Isotype:	IgG2b
Cross-Reactivity:	Mouse, Opossum, Rabbit, Rat
Characteristics:	Antibody Reactive Against Synthetic Peptide.

Target Details

Target:	SLC9A3
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Target Details

Alternative Name: SLC9A3 / NHE3 ([SLC9A3 Products](#))

Gene ID: 24784

Pathways: [Proton Transport](#)

Application Details

Application Notes: Immunofluorescence (1:20)
Western Blot (1:1000)
The optimal working dilution should be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In Tris-glycine, 150 mM NaCl (0.05 % 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: Store at 4°C for short term. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in: Kocinsky, Girardi, Biemesderfer, Nguyen, Mentone, Orlowski, Aronson: "Use of phospho-specific antibodies to determine the phosphorylation of endogenous Na⁺/H⁺ exchanger NHE3 at PKA consensus sites." in: **American journal of physiology. Renal physiology**, Vol. 289, Issue 2, pp. F249-58, (2005) ([PubMed](#)).



Western Blotting

Image 1. Western blot analysis of Phospho-Slc9a3 S605 in transfected COS-7 cells (Lane A. untreated, Lane B. forskolin and IBMX treated) with Slc9a3 (phospho S605) monoclonal antibody, clone 10A8 .