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Datasheet for ABIN1019665  
**anti-SLC8A3 antibody (Internal Region)**

### Overview

Quantity:	100 µg
Target:	SLC8A3
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This SLC8A3 antibody is un-conjugated
Application:	ELISA

### Product Details

Purpose:	Slc8a3 (mouse isoform1)
Immunogen:	Peptide with sequence C-ERQENFFIALGEPK, from the internal region of the protein sequence according to NP_001161392.1.
Sequence:	ERQENFFIAL GEPK
Isotype:	IgG
Specificity:	This antibody is expected to recognize reported mouse isoform1 (NP_001161392.1) only. This antibody is expected to recognize different human isoforms.
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

## Product Details

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Grade: Recent

## Target Details

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Target: SLC8A3

Alternative Name: Slc8a3 ([SLC8A3 Products](#))

Background: Slc8a3, solute carrier family 8 (sodium/calcium exchanger), member 3, AW742262, MGC90626, Ncx3

Gene ID: 110893

NCBI Accession: [NP\\_001161392](#)

## Application Details

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Application Notes: Western Blot: Preliminary experiments gave an approx 85 kDa band in Mouse Brain lysates after 1 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 102 kDa  
Peptide ELISA: antibody detection limit dilution 1:128000.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Minimize freezing and thawing.

Storage: -20 °C

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.