

## Datasheet for ABIN634829 **anti-SLC39A7 antibody**



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### 1 Image

#### Overview

Quantity:	100 µL
Target:	SLC39A7
Reactivity:	Human, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC39A7 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	SLC39 A7 antibody was raised using a synthetic peptide corresponding to a region with amino acids HDHEHSHGGYGESGAPGIKQDLDAVTLWAYALGATVLISAAPFFVLFLIP
Purification:	Affinity purified

#### Target Details

Target:	SLC39A7
Alternative Name:	SLC39A7 ( <a href="#">SLC39A7 Products</a> )
Background:	Zinc is an essential cofactor for more than 50 classes of enzymes. It is involved in protein, nucleic acid, carbohydrate, and lipid metabolism, as well as in the control of gene transcription, growth, development, and differentiation. Zinc cannot passively diffuse across cell membranes and requires specific transporters, such as SLC39A7, to enter the cytosol from both the extracellular environment and from intracellular storage compartments.

## Target Details

Molecular Weight:	50 kDa (MW of target protein)
Pathways:	<a href="#">Transition Metal Ion Homeostasis</a>

## Application Details

Application Notes:	WB: 1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	SLC39A7 Blocking Peptide, catalog no. 33R-3709, is also available for use as a blocking control in assays to test for specificity of this SLC39A7 antibody
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of SLC30 7 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

## Images



### Western Blotting

**Image 1.** SLC39A7 antibody used at 1 µg/ml to detect target protein.