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Datasheet for ABIN2458779  
**anti-SLC39A7 antibody**

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), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human SLC39A7.
Purification:	Antibody is purified by peptide affinity chromatography method.

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. Zinc is an essential

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Molecular Weight: 50 kDa

Gene ID: 7922

NCBI Accession: [NP\\_001070984](#)

UniProt: [Q92504](#)

Pathways: [Transition Metal Ion Homeostasis](#)

## Application Details

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Application Notes: SLC39A7 antibody can be used for detection of SLC39A7 by ELISA at 1:1562500. SLC39A7 antibody can be used for detection of SLC39A7 by western blot at 1 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.

Concentration: 1 mg/mL

Buffer: Antibody is lyophilized in PBS buffer with 2 % sucrose.

Handling Advice: As with any antibody avoid repeat freeze-thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: For short periods of storage (days) store at 4 °C. For longer periods of storage, store SLC39A7 antibody at -20 °C.



### Western Blotting

Image 1.