

Datasheet for ABIN2458779 anti-SLC39A7 antibody

Image



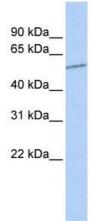
Overview

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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 (SLC39A7 Products)
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
	extracential environment and norminitalential storage compartments. Zinc is difessential

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	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.
Molecular Weight:	50 kDa
Gene ID:	7922
NCBI Accession:	NP_001070984
UniProt:	Q92504
Pathways:	Transition Metal Ion Homeostasis
Application Details	
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 $\mu\text{g/mL}$, and HRP
	conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Add 50 ?L 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.

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