

Datasheet for ABIN634829 anti-SLC39A7 antibody

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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)	
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 (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.	

Target Details

Molecular Weight:	50 kDa (MW of target protein)
Pathways:	Transition Metal Ion Homeostasis

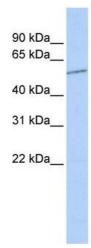
Application Details

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 ug/ml to detect target protein.