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anti-SLC39A7 antibody (Center)

2 Images



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Overview		
Quantity:	100 μL	
Target:	SLC39A7	
Binding Specificity:	Center	
Reactivity:	Human, Mouse, Rat, Dog, Pig	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This SLC39A7 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunochromatography (IC)	
Product Details		
Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ZIP7.	
Specificity:	Recognizes endogenous levels of ZIP7 protein.	
Characteristics:	Rabbit polyclonal antibody to ZIP7	
Purification:	The antibody was purified by immunogen affinity chromatography.	
Target Details		
Target:	SLC39A7	
Alternative Name:	ZIP7 (SLC39A7 Products)	
Background:	HKE4, RING5, Zinc transporter SLC39A7, Histidine-rich membrane protein Ke4, Really	

Target Details

	interesting new gene 5 protein, Solute carrier family 39 member 7, Zrt-, Irt-like protein 7, ZIP7	
Gene ID:	7922, 14977	
UniProt:	Q92504, Q31125	
Pathways:	Transition Metal Ion Homeostasis	

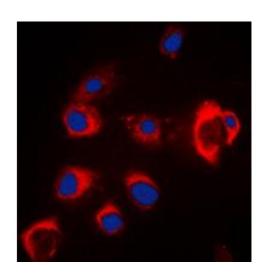
Application Details

Application Notes:	WB (1:500 - 1:1000), IF/IC (1:100 - 1:500)	
Restrictions:	For Research Use only	

Handling

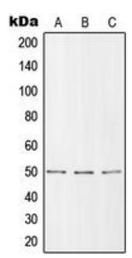
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunofluorescence

Image 1. Immunofluorescent analysis of ZIP7 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room



temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Western Blotting

Image 2. Western blot analysis of ZIP7 expression in MCF7 (A), SP2/0 (B), H9C2 (C) whole cell lysates.