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anti-SLC39A4 antibody (AA 281-380)

2 Images



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Overview

Quantity:	100 μL
Target:	SLC39A4
Binding Specificity:	AA 281-380
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC39A4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SLC39A4
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	Purified by Protein A.

Target Details

Target:	SLC39A4
Alternative Name:	SLC39A4 (SLC39A4 Products)

Target Details

Target Details	
Background:	Synonyms: Zinc transporter ZIP4, SLC39A4, Solute carrier family 39 member 4, Zrt- and Irt-like protein 4, ZIP-4, SLC39A4, ZIP4 Background: Plays an important role in cellular zinc homeostasis as a zinc transporter. Regulated in response to zinc availability.
Gene ID:	55630
UniProt:	Q6P5W5
Pathways:	Transition Metal Ion Homeostasis, Autophagy
Application Details	
Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200

Restrictions:

For Research Use only

IF(ICC) 1:50-200 ICC 1:100-500

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

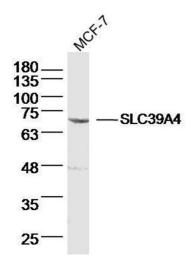
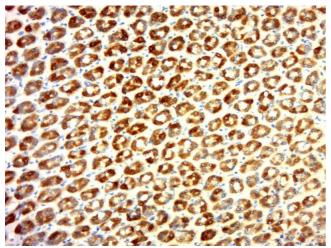


Image 1. MCF-7 lysates probed with SLC39A4 Polyclonal Antibody, Unconjugated at 1:300 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at 1:10000 for 60 min at 37°C.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Paraformaldehyde-fixed, paraffin embedded Rat stomach Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes Blocking buffer (normal goat serum) at 37°C for 30min Antibody incubation with SLC39A4 Polyclonal Antibody, Unconjugated at 1:600 overnight at 4°C, DAB staining.