

Product name:	ZIP1 Rabbit Polyclonal Antibody
Cat number:	ABN20109
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human SLC39A1. AA range:111-160
Reactivity:	Human,Rat,Mouse
Applications:	WB 1:500-1:2000,ELISA 1:5000-1:10000
Molecular Weight:	38kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	This gene encodes a member of the zinc-iron permease family. The encoded protein is localized to the cell membrane and acts as a zinc uptake transporter. This gene has been linked to prostate cancer, breast cancer, and Alzheimer's disease. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2012],function:Mediates zinc uptake. May function as a major endogenous zinc uptake transporter in many cells of the body. Responsible for the rapid uptake and accumulation of physiologically effective zinc in prostate cells.,miscellaneous:Inhibited by Ni(2+) ions. Fe(2+) ions do not inhibit zinc uptake.,similarity:Belongs to the ZIP transporter (TC 2.A.5) family.,subcellular location:Shows a vesicular localization corresponding partially to the endoplasmic reticulum in several epithelial cell lines.,tissue specificity:Ubiquitous. Expressed in most adult and fetal tissues including the epidermis.,