

Anti-ZIP1 Antibody

Catalog # AP61015

Product Information

Application	WB
Primary Accession	Q9NY26
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34250

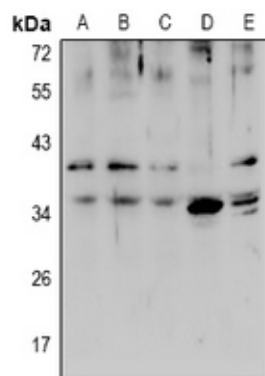
Additional Information

Gene ID	27173
Other Names	IRT1; ZIP1; ZIRTL; Zinc transporter ZIP1; Solute carrier family 39 member 1; Zinc-iron-regulated transporter-like; Zrt- and Irt-like protein 1; ZIP-1; hZIP1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ZIP1. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	SLC39A1 (HGNC:12876)
Function	Transporter for the divalent cation Zn(2+). Mediates the influx of Zn(2+) into cells from extracellular space (PubMed: 11301334 , PubMed: 12888280 , PubMed: 16844077). Functions as the major importer of zinc from circulating blood plasma into prostate cells (PubMed: 12888280).
Cellular Location	Cell membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane; Multi-pass membrane protein. Note=Shows a vesicular localization corresponding partially to the endoplasmic reticulum in several epithelial cell lines.
Tissue Location	Ubiquitous (PubMed:10610721, PubMed:11301334). Expressed in most adult and fetal tissues including the epidermis

Images



Western blot analysis of ZIP1 expression in H1792 (A), LO2 (B), HCT116 (C), PC12 (D), AML12 (E) whole cell lysates. (Predicted band size: 34 kD; Observed band size: 40 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.