

Anti-ZIP1 Antibody
Rabbit polyclonal antibody to ZIP1
Catalog # AP61015**Specification**

Anti-ZIP1 Antibody - Product Information

Application	WB
Primary Accession	O9NY26
Other Accession	O9QZ03
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34250

Anti-ZIP1 Antibody - Additional Information**Gene ID** 27173**Other Names**

IRT1; ZIP1; ZIRT1; 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

Recognizes endogenous levels of ZIP1 protein.

Dilution

WB~~WB (1/500 - 1/1000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-ZIP1 Antibody - 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](http://www.uniprot.org/citations/11301334), PubMed: [12888280](http://www.uniprot.org/citations/12888280), PubMed: [16844077](http://www.uniprot.org/citations/16844077)). Functions as the major importer of zinc from circulating blood plasma into prostate cells (PubMed: [12888280](http://www.uniprot.org/citations/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.

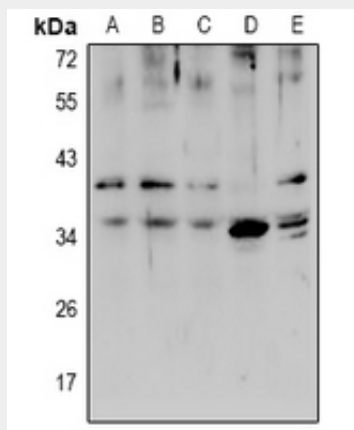
Tissue Location

Ubiquitous (PubMed:10610721, PubMed:11301334). Expressed in most adult and fetal tissues including the epidermis

Anti-ZIP1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-ZIP1 Antibody - Images

Western blot analysis of ZIP1 expression in H1792 (A), LO2 (B), HCT116 (C), PC12 (D), AML12 (E) whole cell lysates.

Anti-ZIP1 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ZIP1. The exact sequence is proprietary.