

Rabbit anti-Human, Mouse ZIP1 Polyclonal Antibody | anti-ZIP1 antibody

ZIP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA308352	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

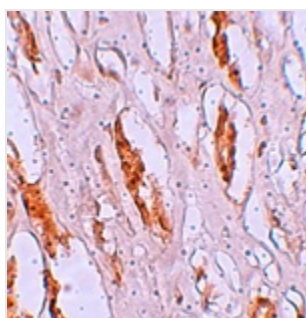
PRODUCT SYNONYMS

ZIP1; Polyclonal Antibody; ZIP1 Antibody; Solute carrier family 39 member A1; Slc39A1; ZIRTL; anti-ZIP1 antibody

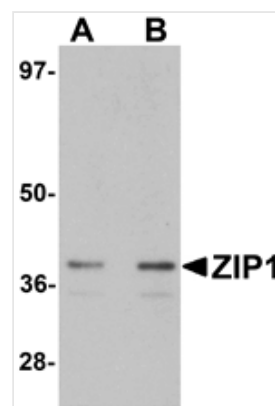
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	324
Applicable Applications for anti-ZIP1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 16 amino acid peptide near the amino terminus of human ZIP1.
Target Name	ZIP1
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of ZIP1 in human kidney tissue with ZIP1 antibody at 2.5 ug/mL.


WB (Western Blot)

Western blot analysis of ZIP1 in mouse kidney tissue lysate with ZIP1 antibody at (A) 1 and (B) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-ZIP1 antibody	ZIP1, also known as ZIRTL (zinc-iron regulated transporter-like), is the first mammalian member of a family of divalent ion transporters. Zinc is an essential ion for cells and plays significant roles in the growth, development, and differentiation. ZIP1 expression is markedly downregulated in a number of cancerous tissues and is thought to function as a tumor suppressor gene in prostate cancer. More recent studies have shown that overexpression of ZIP1 and concomitant increased levels of intracellular zinc in PC-3 cells cause a significant inhibition of NF-kB, leading to down-regulation of the antiapoptotic protein Bcl-2, Bcl-XL, and the apoptosis inhibitor XIAP, reducing the malignant potential of prostate cancer cells in vitro and in vivo.
Product Categories/Family for anti-ZIP1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361423
NCBI GeneID	27173
NCBI Accession #	NP_055252
NCBI GenBank Nucleotide #	NM_014437.4
Molecular Weight	23,589 Da
NCBI Official Full Name	zinc transporter ZIP1 isoform a
NCBI Official Synonym Full Names	solute carrier family 39 (zinc transporter), member 1
NCBI Official Symbol	SLC39A1
NCBI Official Synonym Symbols	ZIP1; ZIRTL
NCBI Protein Information	zinc transporter ZIP1
UniProt Protein Name	Zinc transporter ZIP1
UniProt Gene Name	SLC39A1
UniProt Synonym Gene Names	IRT1; ZIP1; ZIRTL; ZIP-1; hZIP1
UniProt Entry Name	S39A1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/zip1-antibody-immunohistochemistry-western-blot-elisa/308352>