

Rabbit ZIP14 Polyclonal Antibody | anti-ZIP14 antibody

ZIP14 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303234	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

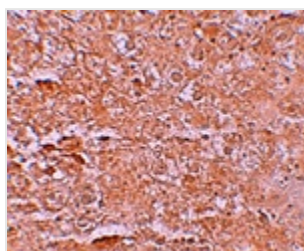
PRODUCT SYNONYMS

ZIP14; Polyclonal Antibody; ZIP14 Antibody; Solute carrier family 39 member A14; Slc39A14; LZT-Hs4; NET34; CIG19; anti-ZIP14 antibody

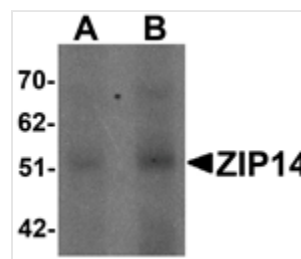
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	At least three isoforms of ZIP14 are known to exist; this antibody will detect both isoforms. ZIP14 antibody is predicted to not cross-react with other ZIP family members.
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	492
Applicable Applications for anti-ZIP14 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 16 amino acid peptide near the center of human ZIP14.
Target Name	ZIP14
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 ZIP14 in mouse liver tissue with ZIP14 antibody at 2.5 ug/mL.


WB (Western Blot)

Western blot analysis of ZIP14 in human spleen tissue lysate with ZIP14 antibody at (A) 1 and (B) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-ZIP14 antibody	The zinc transporter ZIP14, also known as SLC39A14, is a 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. The zinc transporter family is divided into four subfamilies (I, II, LIV-1 and gufA). ZIP14 is a glycosylated multipass plasma membrane protein that belongs to the ZIP transporter subfamily LIV-1. ZIP14 has been shown to contribute to the hypozincemia of inflammation and infection and is regulated in the liver by IL-6. In addition to zinc, ZIP14 is also involved in the cellular uptake of non-transferrin-bound iron as well as iron bound to transferrin.
Product Categories/Family for anti-ZIP14 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	205830424
NCBI GeneID	23516
NCBI Accession #	NP_001128625
NCBI GenBank Nucleotide #	NM_001135153.1
Molecular Weight	54,057 Da
NCBI Official Full Name	zinc transporter ZIP14 isoform a
NCBI Official Synonym Full Names	solute carrier family 39 (zinc transporter), member 14
NCBI Official Symbol	SLC39A14
NCBI Official Synonym Symbols	NET34; ZIP14; cig19; LZT-Hs4
NCBI Protein Information	zinc transporter ZIP14
UniProt Protein Name	Zinc transporter ZIP14
UniProt Gene Name	SLC39A14
UniProt Synonym Gene Names	KIAA0062; ZIP14; LZT-Hs4; ZIP-14
UniProt Entry Name	S39AE_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/zip14-antibody-immunohistochemistry-western-blot-elisa/303234>