

Rabbit ZIP11 Polyclonal Antibody | anti-SLC39A11 antibody

ZIP11 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39788	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

ZIP11; Polyclonal Antibody; ZIP11 Antibody; C17orf26; Zinc transporter ZIP11; Solute carrier family 39 member 11; ZIP-11; solute carrier family 39 (metal ion transporter); member 11; anti-SLC39A11 antibody

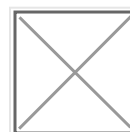
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	This antibody will not cross-react with the zinc transporter ZIP10.
Purity/Purification	ZIP11 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid; ZIP11 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL (varies by lot)
Applicable Applications for anti-SLC39A11 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Homology	Predicted species reactivity based on immunogen sequence: Bovine: (86%)
Immunogen	ZIP11 antibody was raised against a 15 amino acid synthetic peptide near the center of the human ZIP11. The immunogen is located within amino acids 130 - 180 of ZIP11.
Positive Control	1) - Mouse Kidney Tissue Lysate
Preparation and Storage	ZIP11 antibody can be stored at 4°C for three months and -20°C, stable for up to 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 ZIP11 in mouse kidney tissue with ZIP11 antibody at 2.5 µg/mL.


WB (Western Blot)

ZIP11 Antibody

ADDITIONAL INFORMATION

Related Product Information for anti-SLC39A11 antibody	ZIP11 Antibody: ZIP11, also known as Slc39A11, is a member of the broader ZIP family of multi-transmembrane domain metal ion transporters. Zinc is an essential ion for cells and plays significant roles in the growth, development, and differentiation. Members of the ZIP family generally transport metal ions from the cell exterior or lumen of intracellular organelles into the cytoplasm, as opposed to the ZnT (SLC30) family of zinc transporters that serve to reduce intracellular zinc availability by promoting zinc efflux from cells or into intracellular vesicles. At least three isoforms of ZIP11 are known to exist.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119609513
NCBI GeneID	201266
UniProt Accession #	Q8N1S5; Q8WZ81; B2R8H7
NCBI Official Full Name	solute carrier family 39 (metal ion transporter), member 11, isoform CRA_a
NCBI Official Synonym Full Names	solute carrier family 39, member 11
NCBI Official Symbol	SLC39A11
NCBI Official Synonym Symbols	ZIP11; C17orf26
NCBI Protein Information	zinc transporter ZIP11; ZIP-11; Zrt- and Irt-like protein 11; solute carrier family 39 (metal ion transporter), member 11
UniProt Protein Name	Zinc transporter ZIP11
UniProt Gene Name	SLC39A11
UniProt Synonym Gene Names	C17orf26; ZIP11; ZIP-11
UniProt Entry Name	S39AB_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.