

Rabbit anti-Human, Mouse ZIP5 Polyclonal Antibody | anti-SLC39A5 antibody

ZIP5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40138	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

ZIP5; Polyclonal Antibody; ZIP5 Antibody; LZT-Hs7; Zinc transporter ZIP5; Solute carrier family 39 member 5; ZIP-5; solute carrier family 39 (metal ion transporter); member 5; anti-SLC39A5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	ZIP5 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid; ZIP5 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL (varies by lot)
Sequence Length	540
Applicable Applications for anti-SLC39A5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	ZIP5 antibody was raised against a 17 amino acid synthetic peptide near the center of human ZIP5. The immunogen is located within amino acids 330-380 of ZIP5
Positive Control	1) CAT No: - Human Spleen Tissue Lysate 2) CAT No: - Human Spleen Tissue Slide
Preparation and Storage	Antibody can be stored at 4 degree C up to one year. Antibodies should not be exposed to prolonged high temperatures

IMAGES



IF (Immunofluorescence)

Immunofluorescence of ZIP5 in human spleen tissue with ZIP5 antibody at 20 µg/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of ZIP5 in human spleen tissue with ZIP5 antibody at 2.5 µg/mL.



WB (Western Blot)

Western blot analysis of ZIP5 in human spleen tissue lysate with ZIP5 antibody at 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC39A5 antibody	ZIP5 Antibody: The zinc transporter ZIP5, also known as SLC39A5, 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. ZIP5 is closely related to ZIP4, and is found in many of the same tissues, including intestine, pancreas, liver, and kidney, but unlike ZIP4, ZIP5 localizes to the basolateral membrane in kidney cells and its activity is not downregulated by zinc repletion. Recent evidence suggests that ZIP4 and ZIP5 are reciprocally regulated, with translation of ZIP5 mRNA decreasing and ZIP5 protein being rapidly internalized and degraded in response to zinc deficiency.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	206597541
NCBI GeneID	283375
NCBI Accession #	NP_001128667
NCBI GenBank Nucleotide #	NM_001135195.1
UniProt Accession #	Q6ZMH5; Q8N6Y3; B2R808
NCBI Official Full Name	zinc transporter ZIP5
NCBI Official Synonym Full Names	solute carrier family 39 (zinc transporter), member 5
NCBI Official Symbol	SLC39A5
NCBI Official Synonym Symbols	ZIP5; MYP24; LZT-Hs7
NCBI Protein Information	zinc transporter ZIP5; zrt- and Irt-like protein 5; solute carrier family 39 member 5; solute carrier family 39 (metal ion transporter), member 5
UniProt Protein Name	Zinc transporter ZIP5
UniProt Gene Name	SLC39A5
UniProt Synonym Gene Names	ZIP5; ZIP-5
UniProt Entry Name	S39A5_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/zip5-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40138>