

Rabbit anti-Human, Mouse ZIP9 Polyclonal Antibody | anti-Slc39a9 antibody

ZIP9 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39401	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

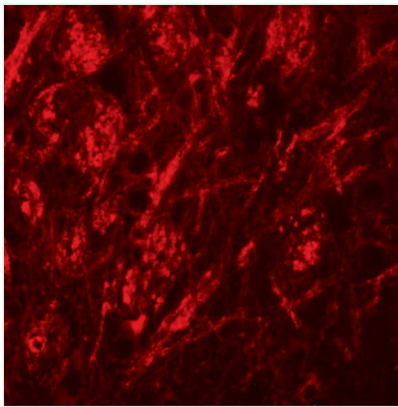
PRODUCT SYNONYMS

ZIP9; Polyclonal Antibody; ZIP9 Antibody; ZIP-9; UNQ714/PRO1377; Zinc transporter ZIP9; Solute carrier family 39 member 9; solute carrier family 39 (zinc transporter); member 9; anti-Slc39a9 antibody

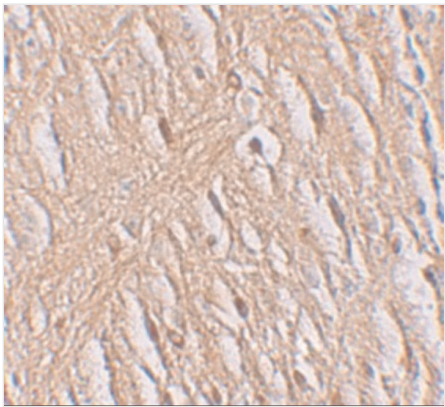
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	ZIP9 antibody is predicted to not cross-react with other ZIP family members.
Purity/Purification	ZIP9 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	307
Applicable Applications for anti-Slc39a9 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	ZIP9 antibody was raised against a 18 amino acid synthetic peptide near the amino terminus of human ZIP9.
Buffer	ZIP9 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	ZIP9 antibody can be stored at 4 degree C for three months and -20 degree 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.

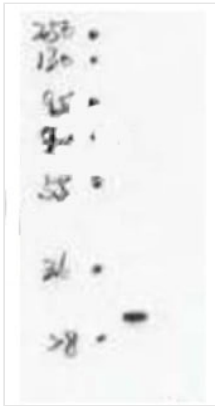
IMAGES



IF (Immunofluorescence)
Immunofluorescence of ZIP9 in human brain tissue with ZIP9 antibody at 20 μg/mL.



IHC (Immunohiostchemistry)
Immunohistochemistry of ZIP9 in human brain tissue with ZIP9 antibody at 2.5 μg/mL.



WB (Western Blot)
AAA39401 used at a concentration of 1ug/mL, on 15ug mouse kidney lysate

ADDITIONAL INFORMATION

Related Product Information for anti-Slc39a9 antibody	ZIP9 Antibody: The zinc transporter ZIP9, also known as SLC39A9, 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). ZIP9 is a multipass membrane protein that belongs to the ZIP transporter subfamily I. It is located at the trans-Golgi network regardless of zinc presence and is thought to be a zinc homeostasis regulator acting in the secretory pathway without significantly altering cytosolic zinc homeostasis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	237874617
NCBI GeneID	55334
UniProt Accession #	Q9NUM3; Q53HN3; Q5MJQ0; Q6P2Q1; Q86WY2; G3V5J8
Molecular Weight	24,626 Da
NCBI Official Full Name	zinc transporter SLC39A9
NCBI Official Synonym Full Names	solute carrier family 39, member 9
NCBI Official Symbol	SLC39A9
NCBI Official Synonym Symbols	ZIP9; ZIP-9
NCBI Protein Information	zinc transporter ZIP9; zinc transporter SLC39A9; zrt- and Irt-like protein 9; solute carrier family 39 (zinc transporter), member 9

UniProt Protein Name	Zinc transporter ZIP9
UniProt Gene Name	SLC39A9
UniProt Synonym Gene Names	ZIP9; ZIP-9
UniProt Entry Name	S39A9_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://www.aaabiotech.com/polyclonal/zip9-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39401>