

Product datasheet for **TA319958**

SLC39A9 Rabbit Polyclonal Antibody

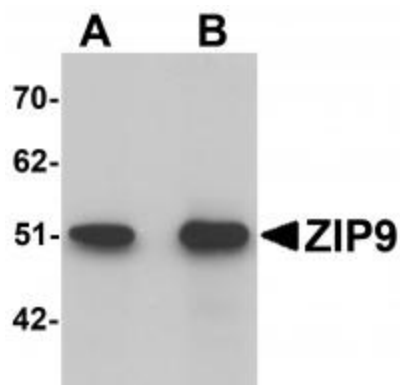
Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, ICC: 2.5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	ZIP9 antibody was raised against a 18 amino acid synthetic peptide near the amino terminus of human ZIP9.
Formulation:	ZIP9 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	ZIP9 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	solute carrier family 39 member 9
Database Link:	NP_060845 Entrez Gene 328133 Mouse Entrez Gene 55334 Human Q9NUM3
Background:	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.
Synonyms:	ZIP-9; ZIP9
Protein Families:	Transmembrane

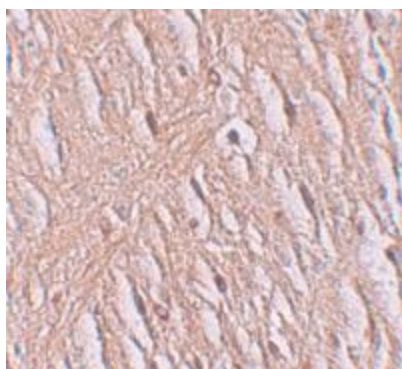


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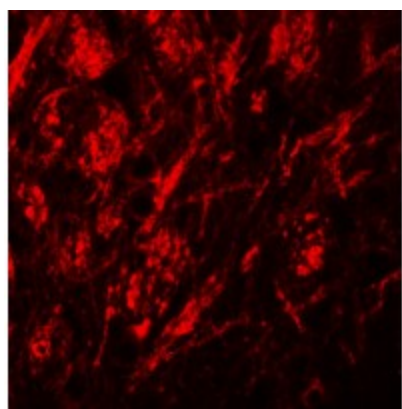
Product images:



Western blot analysis of ZIP9 in HepG2 cell lysate with ZIP9 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of ZIP9 in human brain tissue with ZIP9 antibody at 2.5 ug/mL.



Immunofluorescence of ZIP9 in human brain tissue with ZIP9 antibody at 20 ug/mL.