

## Product datasheet for **TA319999**

### **BIGM103 (SLC39A8) Rabbit Polyclonal Antibody**

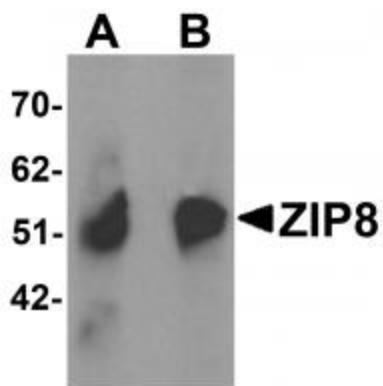
#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	IF, IHC, WB
<b>Recommended Dilution:</b>	WB: 1 - 2 ug/mL, ICC: 5 ug/mL, IF: 20 ug/mL
<b>Reactivity:</b>	Human
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	ZIP8 antibody was raised against a 18 amino acid synthetic peptide near the carboxy terminus of human ZIP8.
<b>Formulation:</b>	ZIP8 Antibody is supplied in PBS containing 0.02% sodium azide.
<b>Concentration:</b>	1ug/ul
<b>Purification:</b>	ZIP8 Antibody is affinity chromatography purified via peptide column.
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Gene Name:</b>	solute carrier family 39 member 8
<b>Database Link:</b>	<a href="#">NP_071437</a> <a href="#">Entrez Gene 64116 Human</a> <a href="#">Q9C0K1</a>
<b>Background:</b>	ZIP8 Antibody: The zinc transporter ZIP8, 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). ZIP8 is glycosylated and located at the plasma membrane and mitochondria. It has been identified as the transporter responsible for transport of the toxic Cadmium cation. ZIP8 has also been suggested to play a role in the regulation of interferon-gamma expression in activated human T cells.
<b>Synonyms:</b>	BIGM103; CDG2N; LZT-Hs6; PP3105; ZIP8

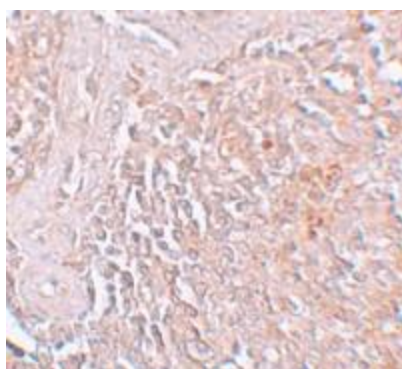


[View online »](#)

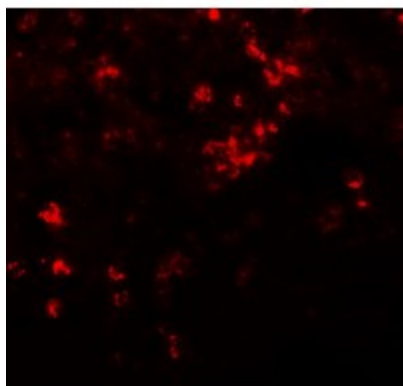
## Product images:



Western blot analysis of ZIP8 in human spleen tissue lysate with ZIP8 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of ZIP8 in human spleen tissue with ZIP8 antibody at 5 ug/mL.



Immunofluorescence of ZIP8 in human spleen tissue with ZIP8 antibody at 20 ug/mL.