

Anti-ZIP9 SLC39A9 Antibody

Catalog Number: A13097-2

About SLC39A9

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.

Overview

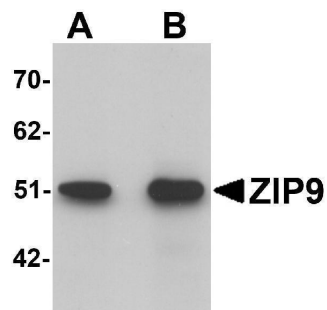
Product Name	Anti-ZIP9 SLC39A9 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-ZIP9 SLC39A9 Antibody (Catalog # A13097-2). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	ZIP9 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	ZIP9 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9NUM3

Technical Details

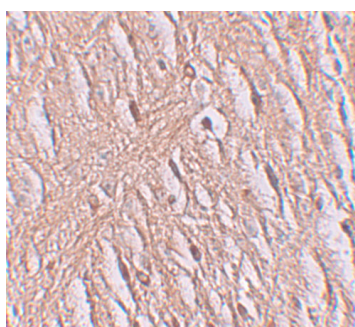
Immunogen	ZIP9 antibody was raised against a 18 amino acid synthetic peptide near the amino terminus of human ZIP9. The immunogen is located within amino acids 70 - 120 of ZIP9.
Predicted Reactive Species	Rat
Cross Reactivity	ZIP9 antibody is predicted to not cross-react with other ZIP family members.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	ZIP9 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	ZIP9 antibody can be used for detection of ZIP9 by Western blot at 1 - 2 ug/mL. Antibody can also be

used for immunohistochemistry starting at 2.5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

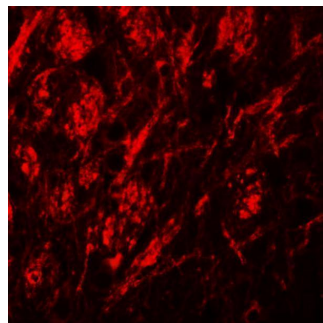
Anti-ZIP9 SLC39A9 Antibody (A13097-2) Images



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.

Submit a product review to [Biocompare.com](https://www.biocompare.com)

Submit a review of this product to [Biocompare.com](https://www.biocompare.com) to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-ZIP9 SLC39A9 Antibody

For Research Use Only. Not for use in diagnostic procedures.