BOSTER BIOLOGICAL TECHNOLOGY
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Anti-ZIP6 SLC39A6 Antibody

Catalog Number: A05693

About SLC39A6

The zinc transporter ZIP6, also known as SLC39A6, 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. ZIP6 was initially identified as LIV-1, an estrogen-regulated gene that has been implicated in metastatic breast cancer. Elevated ZIP6 expression has also been reported in human cervical cancer and the HeLa cell line; down-regulation of ZIP6 expression in HeLa by RNAi inhibited cell proliferation, colony formation, migration and invasiveness, as well as decreasing Snail and Slug levels, suggesting ZIP6 plays a regulatory role on the ERK1/2-Snail/Slug pathway.

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Overview

Product Name	Anti-ZIP6 SLC39A6 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-ZIP6 SLC39A6 Antibody (Catalog # A05693). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	ZIP6 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q13433

Technical Details

Immunogen	ZIP6 antibody was raised against a 16 amino acid synthetic peptide near the center of human ZIP6. The immunogen is located within amino acids 430 - 480 of ZIP6.
Predicted Reactive Species	Bovine
Isotype	IgG

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Form	Liquid
Concentration	1 mg/mL
Purification	ZIP6 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	ZIP6 antibody can be used for detection of ZIP6 by Western blot at 1 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 mouse samples; Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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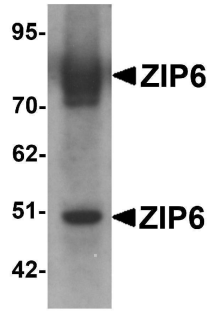
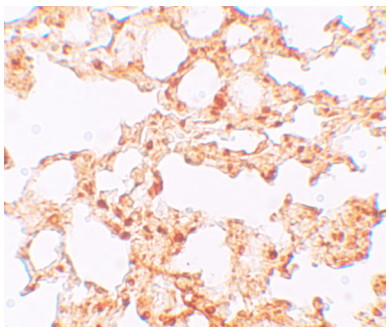
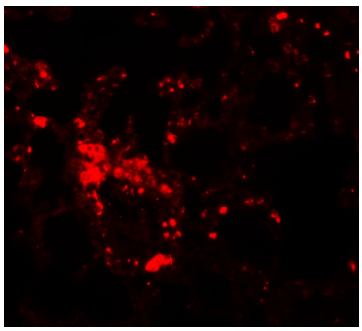
Anti-ZIP6 SLC39A6 Antibody (A05693) Images



Western blot analysis of ZIP6 in mouse lung tissue lysate with ZIP6 antibody at 1 ug/mL.



Immunohistochemistry of ZIP6 in mouse lung tissue with ZIP6 antibody at 5 ug/mL.



Immunofluorescence of ZIP6 in mouse lung tissue with ZIP6 antibody at 20 ug/mL.

1 Publications Citing This Product

1. PubMed ID: 23437163, Shen R, Xie F, Shen H, Liu Q, Zheng T, Kou X, Wang D, Yang J. Plos One. 2013;8(2):E56542. Doi: 10.1371/Journal.Pone.0056542. Epub 2013 Feb 20. Negative Correlation Of Liv-1 And E-Cadherin Expression In Hepatocellular Carcinoma Cells.

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