

Datasheet for ABIN6991455
anti-SLC39A6 antibody (AA 430-480)



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Overview

Quantity:	0.1 mg
Target:	SLC39A6
Binding Specificity:	AA 430-480
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC39A6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product 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.
Isotype:	IgG
Purification:	ZIP6 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SLC39A6
Alternative Name:	ZIP6 (SLC39A6 Products)
Background:	ZIP6 Antibody: 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

Target Details

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.

Gene ID: 25800

NCBI Accession: [NP_001092876](#)

UniProt: [Q13433](#)

Pathways: [Transition Metal Ion Homeostasis](#)

Application Details

Application Notes: ZIP6 antibody can be used for detection of ZIP6 by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 20 µg/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.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: ZIP6 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: ZIP6 antibody can be stored at 4°C for three months and -20°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.