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anti-SLC39A3 antibody (AA 110-160)



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0.1 mg	
SLC39A3	
AA 110-160	
Human, Mouse	
Rabbit	
Polyclonal	
This SLC39A3 antibody is un-conjugated	
Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	
ZIP3 antibody was raised against a 16 amino acid synthetic peptide near the center of human	
ZIP3 antibody was raised against a 16 amino acid synthetic peptide near the center of human ZIP3. The immunogen is located within amino acids 110 - 160 of ZIP3.	
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have no phenotypic differences compared to wild-type mice. Only when ZIP1, ZIP2, and ZIP3
genes are all eliminated and these mutant mice are fed a zinc-deficient diet do abnormalities
such as reduced embryonic-membrane bound alkaline phosphatase activity and abnormal
development occur, indicating that the ZIP1-3 proteins play an important, noncompensatory
role when zinc is deficient. More recent studies have shown that ZIP2 and ZIP3 are down
regulated in human prostate adenocarcinomatous glands, and may be important in the
retention of zinc in the cellular compartment.

Gene ID:	29985
NCBI Accession:	NP_653165
UniProt:	Q9BRY0

NF-kappaB Signaling, Neurotrophin Signaling Pathway, Autophagy

Application Details

Pathways:

 $\mbox{Application Notes:} \qquad \qquad \mbox{ZIP3 antibody can be used for detection of ZIP3 by Western blot at 1 μ,g/mL. Antibody can also } \\$

be used for immunohistochemistry starting at 5 μ ,g/mL.

Antibody validated: Western Blot in mouse samples and Immunohistochemistry in mouse samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format:	Liquid	
Concentration:	1 mg/mL	
Buffer:	ZIP3 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:	ZIP3 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.	