

Datasheet for ABIN6991053
anti-SLC39A11 antibody (AA 130-180)



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Overview

Quantity:	0.1 mg
Target:	SLC39A11
Binding Specificity:	AA 130-180
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC39A11 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	ZIP11 antibody was raised against a 15 amino acid synthetic peptide near the center of the human ZIP11. The immunogen is located within amino acids 130 - 180 of ZIP11.
Isotype:	IgG
Specificity:	This antibody will not cross-react with the zinc transporter ZIP10.
Purification:	ZIP11 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SLC39A11
Alternative Name:	ZIP11 (SLC39A11 Products)
Background:	ZIP11 Antibody: ZIP11, also known as Slc39A11, is a member of the broader ZIP family of

Target Details

multi-transmembrane domain metal ion transporters. Zinc is an essential ion for cells and plays significant roles in the growth, development, and differentiation. Members of the ZIP family generally transport metal ions from the cell exterior or lumen of intracellular organelles into the cytoplasm, as opposed to the ZnT (SLC30) family of zinc transporters that serve to reduce intracellular zinc availability by promoting zinc efflux from cells or into intracellular vesicles. At least three isoforms of ZIP11 are known to exist.

Gene ID: 201266

UniProt: [Q8N1S5](#)

Application Details

Application Notes: ZIP11 antibody can be used for detection of ZIP11 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/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: ZIP11 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: ZIP11 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.