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Datasheet for ABIN6991456 **anti-SLC39A8 antibody (C-Term)**

Overview

Quantity:	0.1 mg
Target:	SLC39A8
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC39A8 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	ZIP8 antibody was raised against a 18 amino acid synthetic peptide near the carboxy terminus of human ZIP8. The immunogen is located within the last 50 amino acids of ZIP8.
Isotype:	IgG
Specificity:	ZIP8 antibody is predicted to not cross-react with other ZIP family members.
Purification:	ZIP8 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SLC39A8
Alternative Name:	ZIP8 (SLC39A8 Products)

Target Details

Background:	ZIP8 Antibody: The zinc transporter ZIP8, 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 gnfA). ZIP8 is glycosylated and located at the plasma membrane and mitochondria. It has been identified as the transporter responsible for transport of the toxic Cadmium cation. ZIP8 has also been suggested to play a role in the regulation of interferon-gamma expression in activated human T cells.
Gene ID:	64116
NCBI Accession:	NP_071437
UniProt:	Q9C0K1

Application Details

Application Notes:	ZIP8 antibody can be used for detection of ZIP8 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/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.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	ZIP8 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:	ZIP8 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.