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Datasheet for ABIN783809

## anti-SLC39A8 antibody (C-Term)

### 1 Image

#### 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), Enzyme Immunoassay (EIA)

#### Product Details

Immunogen:	18 amino acid peptide near the carboxy terminus of human ZIP8
Specificity:	This antibody detects SLC39A7 at C-term.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Affinity chromatography purified via peptide column

#### Target Details

Target:	SLC39A8
Alternative Name:	Zinc Transporter ZIP8 / SLC39A8 ( <a href="#">SLC39A8 Products</a> )
Background:	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,

## Target Details

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development, and differentiation. The zinc transporter family is divided into four subfamilies (I, II, LIV-1 and gufA). 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. Synonyms: BCG-induced integral membrane protein in monocyte clone 103 protein, BIGM103, LIV-1 subfamily of ZIP zinc transporter 6, LZT-Hs6, Solute carrier family 39 member 8, ZIP-8, ZIP8, Zrt- and Irt-like protein 8

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Gene ID: 64116

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NCBI Accession: [NP\\_001128618](#)

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UniProt: [Q9C0K1](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

## Handling

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Buffer: PBS containing 0.02 % sodium azide

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Preservative: Sodium azide

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

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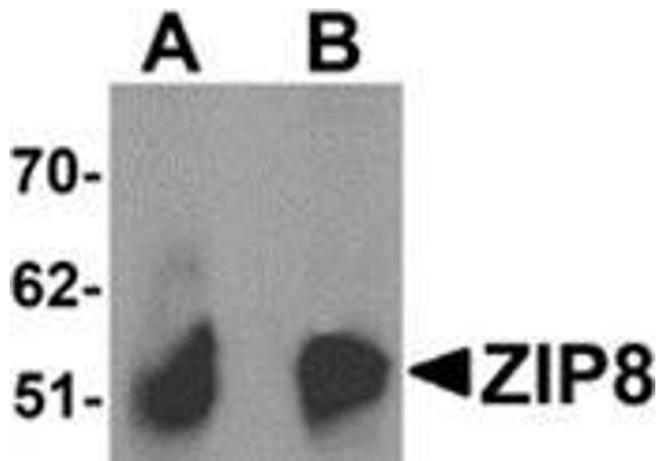
Handling Advice: Avoid repeated freezing and thawing.

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Storage: 4 °C/-20 °C

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Storage Comment: Store at 2 - 8 °C for up to three months or (in aliquots) at -20 °C for longer.



#### Western Blotting

**Image 1.** Western blot analysis of ZIP8 in human spleen tissue lysate with ZIP8 antibody at (A) 1 and (B) 2  $\mu\text{g/ml}$ .