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## Datasheet for ABIN7119306 **anti-SLC39A8 antibody**

### Overview

Quantity:	100 µg
Target:	SLC39A8
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC39A8 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

### Product Details

Immunogen:	solute carrier family 39(zinc transporter), member 8
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	SLC39A8
Alternative Name:	ZIP8 ( <a href="#">SLC39A8 Products</a> )
Background:	Synonyms:BIGM103, PP3105, SLC39A8, ZIP 8, ZIP8 Background:SLC39A8 also known as ZIP8 belongs to the ZIP family of metal ion transporters which function to transport zinc and/or other metal ion substrates from the extracellular space or organellar lumen into the cytoplasm.

## Target Details

Recently it was found that Zip8 expression is upregulated in human monocytes in response to LPS, TNF- $\alpha$ , and live bacteria, facilitating cytoprotection during the early inflammation. Besides zinc ZIP8 can also transport cadmium and manganese efficiently. It is predicted that ZIP8 contains 3 potential N-linked glycosylation sites and is subject to glycosylation, which may account for the presences of multiple molecular weights, such as 43 kDa, 49 kDa, 60 kDa, 75-90 kDa, 150 kDa, and 200 kDa.

Molecular Weight:	53 kDa, 75-90 kDa
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Gene ID:	64116
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UniProt:	<a href="#">Q9C0K1</a>
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## Application Details

Application Notes:	WB: 1:500-1:2000, IP: 1:200-1:2000, IHC: 1:20-1:200, IF: 1:10-1:100
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
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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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Storage:	-20 °C
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Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
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Expiry Date:	12 months
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