

## anti- ZIP8 antibody

### Product Information

Catalog No.:	FNab09643
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### 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. 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.

### Immunogen information

Immunogen:	solute carrier family 39(zinc transporter), member 8
Synonyms:	BIGM103, PP3105, SLC39A8, ZIP 8, ZIP8
Observed MW:	53 kDa, 75-90 kDa
Uniprot ID :	Q9C0K1

### Application

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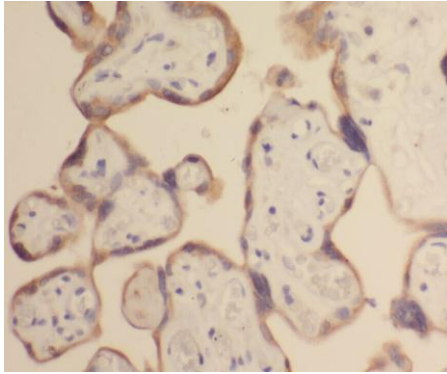
[www.fn-test.com](http://www.fn-test.com)

Reactivity: Human, Mouse, Rat

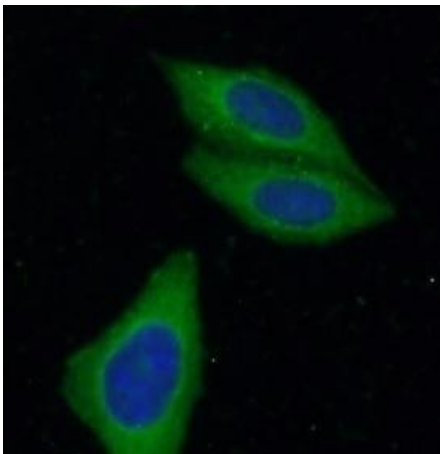
Tested Application: ELISA, WB, IHC, IF, IP

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:2000; IHC: 1:20-1:200; IF: 1:10-1:100

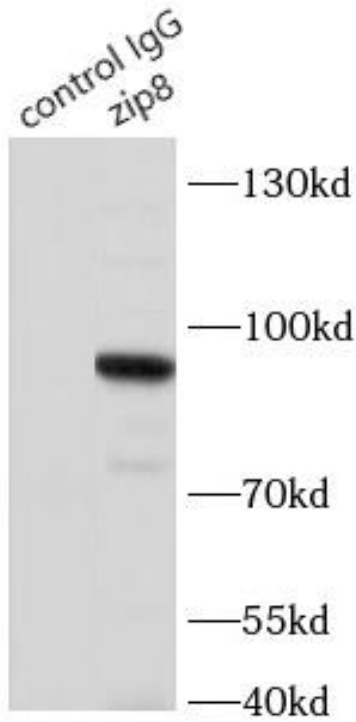
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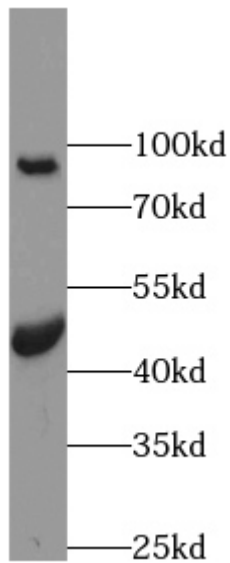
Immunohistochemistry of paraffin-embedded human placenta using FNab09643(SLC39A8 antibody) at dilution of 1:100



Immunofluorescent analysis of HepG2 cells, using FNab09643(SLC39A8 antibody) at 1:25 dilution



IP Result of anti-ZIP8(IP: FNab09643 4 $\mu$ g;  
Detection: FNab09643 1:500) with mouse liver  
tissue lysate 5000 ug



mouse lung tissue were subjected to SDS PAGE  
followed by western blot with  
FNab09643(SLC39A8 antibody) at dilution of  
1:800