

For Research Use Only

SLC39A14/ZIP-14 Polyclonal antibody



Catalog Number: 26540-1-AP

1 Publications

Basic Information

Catalog Number: 26540-1-AP	GenBank Accession Number: BC015770	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop;	GeneID (NCBI): 23516	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	Full Name: solute carrier family 39 (zinc transporter), member 14	
Isotype: IgG	Calculated MW: 54 kDa	
Immunogen Catalog Number: AG24210	Observed MW: 54 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse heart tissue, mouse spleen tissue, rat heart tissue
Cited Applications: IHC	
Species Specificity: human, mouse, rat	
Cited Species: human	

Background Information

Metal cation symporter ZIP14 (SLC39A14) is an electroneutral transporter of the plasma membrane that mediates the cellular uptake of divalent metal cations zinc, manganese, and iron and is important for tissue homeostasis, metabolism, development and immunity (PubMed:15642354, PubMed:27231142, PubMed:29621230). The molecular weight is around 53-54 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Fei Liu	36003082	Front Mol Biosci	IHC

Storage

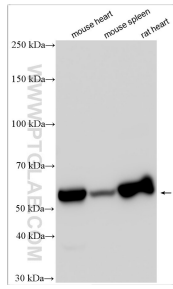
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26540-1-AP (SLC39A14/ZIP-14 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.