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Product datasheet for TA334160

DMT1 (SLC11A2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-SLC11A2 Antibody: synthetic peptide directed towards the N terminal of human SLC11A2. Synthetic peptide located within the following region: VLGPEQKMSDDSVSGDHGESASLGNINPAYSNPSLSQSPGDSEEYFATYF
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	61 kDa
Gene Name:	solute carrier family 11 member 2
Database Link:	NP_000608 Entrez Gene 4891 Human P49281

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Background: The SLC11A2 is a divalent metal transporter (DMT1), which carries iron, manganese, cobalt, nickel, cadmium, lead, copper, and zinc. DMT1 participates in cellular iron absorption at the luminal surface of the duodenum as well as in other areas of the body.The SLC11A2 gene encodes a divalent metal transporter (DMT1), which carries iron, manganese, cobalt, nickel, cadmium, lead, copper, and zinc. DMT1 participates in cellular iron absorption at the luminal surface of the duodenum as well as in other areas of the body (Hubert and Hentze, 2002 [PubMed 12209011]; Ludwiczek et al., 2007 [PubMed 17293870]). [supplied by OMIM]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

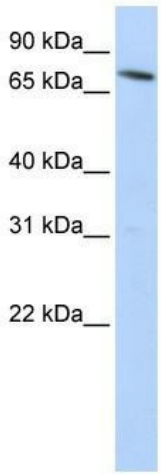
Synonyms: DCT1; DMT1; NRAMP2

Note: Immunogen sequence homology: Human: 100%; Rat: 91%

Protein Families: Transmembrane

Protein Pathways: Lysosome

Product images:



WB Suggested Anti-SLC11A2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive Control: HepG2 cell lysate;SLC11A2 is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells