

SLC11A2 polyclonal antibody

Catalog # PAB5493 Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of SLC11A2.
Immunogen	A synthetic peptide corresponding to N-terminus of human SLC11A2.
Host	Rabbit
Reactivity	Human
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (50% glycerol, 0.01% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

Gene Info — SLC11A2

Entrez GeneID	4891
Gene Name	SLC11A2

Gene Alias	DCT1, DMT1, FLJ37416, NRAMP2
Gene Description	solute carrier family 11 (proton-coupled divalent metal ion transporters), member 2
Omim ID	206100 600523
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	natural resistance-associated macrophage protein 2

Pathway

- [Lysosome](#)

Disease

- [Abortion](#)
- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hemochromatosis](#)
- [Hereditary hemochromatosis](#)
- [Iron Overload](#)
- [Tobacco Use Disorder](#)
- [Tuberculosis](#)