

SLC11A2 Antibody HRP Conjugated

Catalog No: #C04793H

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Description

Product Name	SLC11A2 Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WBB B IHC-PB IHC-F
Species Reactivity	HuB MsB RtB
Immunogen Description	KLH conjugated synthetic peptide aa 260-310 568 derived from human SLC11A2
Conjugates	HRP
Target Name	SLC11A2
Other Names	DCT1; DMT1; NRAMP2; Natural resistance-associated macrophage protein 2; NRAMP 2; Divalent cation transporter 1; Divalent metal transporter 1; DMT-1; Solute carrier family 11 member 2; SLC11A2; OK SW-cl.20
Accession No.	Swiss-Prot#P49281NCBI Gene ID4891
Uniprot	P49281
GeneID	4891;
Excitation Emission	N A
Cell Localization	Cytoplasm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

WB=1:500-2000B B IHC-P=1:50-200B IHC-F=1:50-200B

Background

Important in metal transport, in particular iron. Can also transport manganese, cobalt, cadmium, nickel, vanadium and lead. Involved in apical iron uptake into duodenal enterocytes. Involved in iron transport from acidified endosomes into the cytoplasm of erythroid precursor cells. May play an important role in hepatic iron accumulation and tissue iron distribution. May serve to import iron into the mitochondria.

Note: This product is for in vitro research use only