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Datasheet for ABIN7161094

anti-SLC11A2 antibody (AA 1-69) (Biotin)

Overview

Quantity:	100 µg
Target:	SLC11A2
Binding Specificity:	AA 1-69
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC11A2 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Natural resistance-associated macrophage protein 2 protein (1-69AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SLC11A2
Alternative Name:	SLC11A2 (SLC11A2 Products)
Background:	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

Target Details

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.

Aliases: DCT 1 antibody, dct-1 antibody, DCT1 antibody, Divalent cation transporter 1 antibody, Divalent metal transporter 1 antibody, DMT 1 antibody, DMT-1 antibody, DMT1 antibody, FLJ37416 antibody, Natural resistance associated macrophage protein 2 antibody, Natural resistance-associated macrophage protein 2 antibody, NRAM2_HUMAN antibody, NRAMP 2 antibody, NRAMP2 antibody, OK/SW-cl.20 antibody, Slc11a2 antibody, Solute carrier family 11 (proton coupled divalent metal ion transporters) member 2 antibody, Solute carrier family 11 member 2 antibody

UniProt: [P49281](#)

Pathways: [Transition Metal Ion Homeostasis](#), [Proton Transport](#), [Positive Regulation of Endopeptidase Activity](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.