

SLC11A2 Conjugated Antibody

Catalog No: #C37537



Package Size: #C37537-AF350 100ul #C37537-AF405 100ul #C37537-AF488 100ul
 #C37537-AF555 100ul #C37537-AF594 100ul #C37537-AF647 100ul
 #C37537-AF680 100ul #C37537-AF750 100ul #C37537-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	SLC11A2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SLC11A2 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human solute carrier family 11 (proton-coupled divalent metal ion transporter), member 2
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	DCT1; DMT1; NRAMP2
Accession No.	Swiss-Prot#:P49281NCBI Gene ID:4891NCBI Protein#:NP_660156
Uniprot	P49281
GeneID	4891;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

This gene encodes a member of the solute carrier family 11 protein family. The product of this gene transports divalent metals and is involved in iron absorption. Mutations in this gene are associated with hypochromic microcytic anemia with iron overload. A related solute carrier family 11 protein gene is located on chromosome 2. Multiple transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only