

Rabbit anti-Human, Rat SLC11A2 Polyclonal Antibody | anti-SLC11A2 antibody

SLC11A2 antibody - N-terminal region

CATALOG # AAA199305	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

SLC11A2; Polyclonal Antibody; SLC11A2 antibody - N-terminal region; anti-SLC11A2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Specificity	Specific to all four isoforms of the SLC11A2 transporter.
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: VL GPEQKMSDDS VSGDHGESAS LGNINPAYSN PSLSQSPGDS EEYFATYF
Sequence Length	561
Applicable Applications for anti-SLC11A2 antibody	WB (Western Blot)
Homology	Human: 100%; Rat: 91%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human SLC11A2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

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


WB (Western Blot)

Host: Rabbit
 Target Name: SLC11A2
 Sample Tissue: Human Fetal Lung
 Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-SLC11A2 antibody	This is a rabbit polyclonal antibody against SLC11A2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.
Product Categories/Family for anti-SLC11A2 antibody	Polyclonal; Membrane Protein; Hypoxia

NCBI AND UNIPROT INFORMATION

NCBI GI #	10835169
NCBI GeneID	4891
NCBI Accession #	NP_000608
NCBI GenBank Nucleotide #	NM_000617
UniProt Accession #	P49281
Molecular Weight	61kDa
NCBI Official Full Name	natural resistance-associated macrophage protein 2 isoform 3
NCBI Official Synonym Full Names	solute carrier family 11 member 2
NCBI Official Symbol	SLC11A2
NCBI Official Synonym Symbols	DCT1; DMT1; AHMIO1; NRAMP2
NCBI Protein Information	natural resistance-associated macrophage protein 2
UniProt Protein Name	Natural resistance-associated macrophage protein 2
UniProt Gene Name	SLC11A2
UniProt Synonym Gene Names	DCT1; DMT1; NRAMP2; NRAMP 2; DMT-1
UniProt Entry Name	NRAM2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.