

Rabbit anti-Mouse SLC11A2 Polyclonal Antibody | anti-SLC11A2 antibody

SLC11A2 Antibody (Center)

CATALOG # AAA284115	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Western Blot, ELISA, Immunofluorescence
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PRODUCT SYNONYMS

SLC11A2; Polyclonal Antibody; SLC11A2 Antibody (Center); Natural resistance-associated macrophage protein 2; NRAMP 2; Divalent cation transporter 1; Divalent metal transporter 1; DMT-1; Solute carrier family 11 member 2; DCT1; DMT1; NRAMP2; anti-SLC11A2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SLC11A2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 262-291 amino acids from the Central region of human SLC11A2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	262-291
Sequence Length	561
Applicable Applications for anti-SLC11A2 antibody	WB (Western Blot), ELISA, IF (Immunofluorescence)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

SLC11A2 Antibody (Center) western blot analysis in mouse cerebellum tissue lysates (35ug/lane). This demonstrates the SLC11A2 antibody detected the SLC11A2 protein (arrow).



IF (Immunofluorescence)

Confocal immunofluorescent analysis of SLC11A2 Antibody (Center) with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-SLC11A2 antibody	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.
Product Categories/Family for anti-SLC11A2 antibody	Cardiovascular; Signal Transduction
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Ucisik-Akkaya, E., et al. Mol. Hum. Reprod. 16(10):770-777(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Tabuchi, M., et al. J. Cell. Sci. 123 (PT 5), 756-766 (2010) : Tabuchi, M., et al. Mol. Biol. Cell 13(12):4371-4387(2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	10835169
NCBI GeneID	4891
NCBI Accession #	NP_000608.1; NP_001167596.1; NP_001167597.1; NP_001167598.1; NP_001167599.1; NP_001167600.1; NP_001167601.1
NCBI GenBank Nucleotide #	NM_000617.2
UniProt Accession #	P49281; O43288; O60932; O94801; Q498Z5; Q8IUD7; Q96J35; B3KT08; B4DK84; F5H741
Molecular Weight	62266
NCBI Official Full Name	natural resistance-associated macrophage protein 2 isoform 3
NCBI Official Synonym Full Names	solute carrier family 11 (proton-coupled divalent metal ion transporter), member 2
NCBI Official Symbol	SLC11A2
NCBI Official Synonym Symbols	DCT1; DMT1; 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/slc11a2-antibody-western-blot-immunofluorescence-elisa/284115>