

## Product datasheet for **TA351143S**

### DMT1 (SLC11A2) Rabbit Polyclonal Antibody

#### Product data:

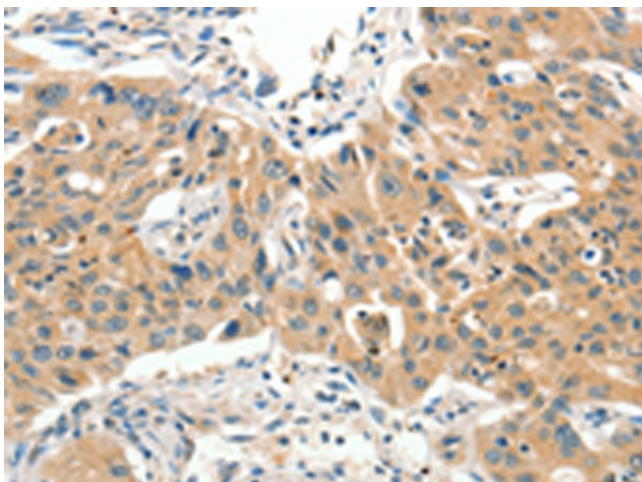
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human lung cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human SLC11A2
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	solute carrier family 11 member 2
Database Link:	<a href="#">NP_000608</a> <a href="#">Entrez Gene 25715 Rat</a> <a href="#">Entrez Gene 4891 Human</a> <a href="#">P49281</a>

**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.

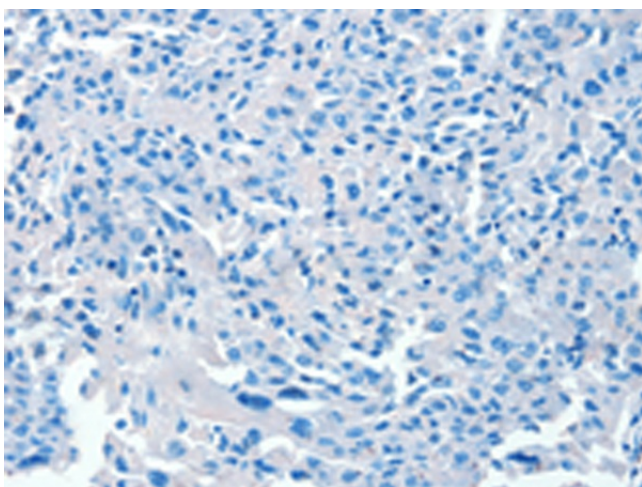
<b>Synonyms:</b>	DCT1; DMT1; NRAMP2
<b>Protein Families:</b>	Transmembrane
<b>Protein Pathways:</b>	Lysosome



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**Product images:**

Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA351143] (SLC11A2 Antibody) at dilution 1/65 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA351143] (SLC11A2 Antibody) at dilution 1/65, treated with synthetic peptide. (Original magnification:  $\times 200$ )