

Product datasheet for **TA334162**

NRAMP1 (SLC11A1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-SLC11A1 Antibody: synthetic peptide directed towards the C terminal of human SLC11A1. Synthetic peptide located within the following region: VLLTRSCAILPTVLVAVFRDLRDL SGLNDLLNVLQSLLLPFAVLPILTFT
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	61 kDa
Gene Name:	solute carrier family 11 member 1
Database Link:	NP_000569 Entrez Gene 6556 Human P49279
Background:	SLC11A1 is a member of the solute carrier family 11 (proton-coupled divalent metal ion transporters) family and is a multi-pass membrane protein. The protein functions as a divalent transition metal (iron and manganese) transporter involved in iron metabolism and host resistance to certain pathogens. Mutations in its gene have been associated with susceptibility to infectious diseases such as tuberculosis and leprosy, and inflammatory diseases such as rheumatoid arthritis and Crohn disease.



[View online »](#)

Synonyms: LSH; NRAMP; NRAMP1

Note: Immunogen sequence homology: Pig: 100%; Rat: 100%; Human: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Dog: 93%; Goat: 93%; Horse: 93%; Mouse: 93%; Sheep: 93%

Protein Families: Transmembrane

Protein Pathways: Lysosome

Product images:



WB Suggested Anti-SLC11A1 Antibody Titration:
1.25 ug/ml; Positive Control: HepG2 cell lysate